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Value Guide

a value engineering workbook for cost effective solutions

CAPITAL ACCESS

MSHDA Michigan State Housing Development Authority

hamiltonanderson

WARM TRAINING CENTER

September 29, 2011
Version 1.0

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Environmentally Preferable
Product Specifications

Standards for Environmentally
Preferable Paints and Coatings

Low Emission Adhesives
and Sealants

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product recommendations

Environmentally Preferable Product Specifications*

Assembly	Component	Specifications
Exterior Wall	Framing/wall structure	Concrete wall structure: Use 30% fly ash or slag wood frame: FSC certified or reclaimed or finger joint studs
Exterior Wall	Siding or masonry	Recycled content, reclaimed, or FSC certified
Floor	Flooring	Linoleum, cork, bamboo, FSC certified or reclaimed wood, sealed concrete, recyled-content flooring, or combination, carpe and pads should comply with carpet and rug institutes green label plus program. Hardwood flooring should be SCS floor score certified.
Floor	Framing	FSC certified or reclaimed
Foundation	Cement	Use 30% fly ash or slag
Interior Wall	Framing	FSC certified or reclaimed
Interior Wall and Ceilings and Millwork	Paints and Coatings	Recycled paint that meets Green Seal standard GS-43
Landscape	Decking or patio material	Recycled content, FSC-certified or reclaimed, recycled content
Other	Cabinets	Recycled content, FSC-certified or reclaimed AND composite materials must contain no added ureaformaldehyde resins
Other	Counters (kitchen and bathroom)	Recycled content, FSC-certified or reclaimed AND composite materials must contain no added ureaformaldehyde resins
Other	Doors (not including garage or insulated doors)	Recycled content, FSC-certified or reclaimed
Other	Trim	Recycled content, FSC-certified or reclaimed AND composite materials must contain no added ureaformaldehyde resins
Other	Window Framing	Recycled content, FSC-certified or reclaimed
Roof	Framing	FSC certified
Roof	Roofing	Recycled content
Roof and Floor and Wall	Insulation	Recycled content of 20% or more. Comply with California practice for testing VOCs from building materials using small chambers (www.dhs.ca.gov/ehlb/IAQ/VOCS/practice.htm)
Roof, Floor, Wall	Sheathing	Recycled content, FSC-certified or reclaimed

**Adapted from LEED for Home Rating System Material and Resources (MR) Table 24*

Standards for Environmentally Preferable Paints and Coatings*

Component	Applicable Standard (VOC Content)	Reference
Architectural paints, coatings and primers applied to interior walls and ceilings	Flats: 50 g/l Nonflats: 150 g/l	Green Seal Standard GS-11 Paints, 1st Edition May 20, 1993
Anticorrosive and antirust paints applied to interior ferrous metal substrates	250 g/l	Green Seal Standard GC-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997
Clear wood finishes	Varnish: 350 g/l Laquer: 550g/l	South Coast Air Quality Management District Rule 1113, Architectural Coatings
Floor coatings	100 g/l	South Coast Air Quality Management District Rule 1113, Architectural Coatings
Sealers	Waterproofing: 250 g/l Sanding: 275 g/l All others: 200 g/l	South Coast Air Quality Management District Rule 1113, Architectural Coatings
Shellacs	Clear: 730 g/l Pigmented: 550 g/l	South Coast Air Quality Management District Rule 1113, Architectural Coatings
Stains	250 g/l	South Coast Air Quality Management District Rule 1113, Architectural Coatings

**Adapted from LEED for Home Rating System Material and Resources (MR) Table 25*

Standards for Low Emission Adhesives and Sealants*

	Applicable Standard VOC Content g/l Less Water
Architectural Applications	
Indoor carpet adhesives	50
Carpet pad adhesives	50
Wood flooring adhesives	100
Rubber floor adhesives	60
Subfloor adhesives	50
VCT and asphalt adhesives	50
Drywall and panel adhesives	50
Cove base adhesives	50
Multipurpose constrution adhesives	70
Structural glazing adhesives	100
Specialy application	
PVC welding	510
CPVC welding	490
ABS welding	325
Plastic cement welding	250
Adhesive primer for plastic	550
Contact adhesive	80
Special-purpose contact adhesive	250
Structural wood member adhesive	140
Sheet-applied rubber lining operations	850
Top and trim adhesive	250
Substrate-specific applications	
Metal to metal	30
Plastic foams	50
Porous materials (except wood)	50
Wood	30
Fiberglass	80
Sealants	
Architectural	250
Nonmembrane Roof	300
Roadway	250
Single-ply roof membrane	450
Other	420
Sealant Primers	
Architectural non-porous	250
Architectural porous	775
Other	750

** Adapted from LEED for Home Rating System Material & Resource (MR) Table 26*

USGBC Member Directory
Michigan Based Product
Manufacturers

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michigan manufacturers

USBGC Member Directory

Michigan Based Product Manufacturers

Organization Name	Product Type
American Dryer, Inc.	Hand Dryers
AZON USA INC.	Windows
Case Systems, Inc.	Casework
Chem Link Inc.	Sealants
Connor Sports Flooring	Flooign
Cycle-Safe, Inc	Bicycle Parking
Dow Corning	Silicones
Duo-Gard Industries Inc.	Translucent Daylighting Systems
East Jordan Iron Works	Manholes
GLE Solar Energy	Water Heaters
Grabil Windows & Doors	Windows/Doors
Haworth Inc.	Furniture
HCi-Hydronic Components Inc.~Jomar Group	HVAC supplies
Herman Miller, Inc.	Furniture
Holcim (US) Inc.	Cement
Horner Flooring	Flooring
Landscape Forms	Exterior Furniture
LiveRoof, LLC	Green Roof
Midwest Cushion Brokers II Inc	Transporting
Milliken & Co	Carpet
Nathan Allan Glass Studios	Glass Forms
Nextek Power Systems	Power Supply
Noble Company	Sealants
Nu-Wool Co., Inc.	Insulation
Oscoda Plastics, Inc.	Flooring
Pleotint LLC	Window Tint
Polly Products	Exterior Furniture
SELECT Hinges	Hinges
Steel Stud Solutions, LLC	Steel Studs
Temo, Inc.	Sunrooms
The Dow Chemical Company	Power Supply
The Tapco Group	Exterior Materials
ThermalNetics, Incorporated	HVAC supplies
TMC Furniture, Inc.	Furniture
Tubelite Inc.	Aluminum
Venchurs Inc	Packaging
Wacker Neuson Climate Technology	Climate Control

** US Green Building Council (USBGC) Member Directory as of 09/28/11 sorted by Michigan based Product Manufacturers (www.USGBC.org)*

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Sump Pump Cover

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sustainable sites

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ITEMS: 0 COST: $ 0.00

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HOME > PLUMBING SUPPLIES AND FIXTURES > SUMP/UTILITY PUMPS > SUMP BASINS/COVERS

Product Detail

Ak Industries AKP80009 Sump Pit Cover 20-1/2"

Product Rating: ★★★★★ Write a Review

Other products of Ak Industries

ACE# 4012621 MFR# AKP80009

List Price: $13.93

In Stock

In stock, normally ships within one to two business days

Product images may differ from actual product appearance.

Print this Page

$13.93 for Each

Request for Quote

Qty : 1 ADD TO CART

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Overview | Also Bought | Review

"AK INDUSTRIES" SUMP PIT COVER

- 20-1/2"
- Polyethylene sump basin cover
- One hole for discharge pipe
- Four bolt holes for fastening cover to basin if desired

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Lavatory Faucet
Kitchen Faucet
Toilet (1.1 gpf)
Toilet (1.3 gpf)
Toilet (Dual flush)
Showerhead
Dishwasher
Washer
Dryer
Rain Barrel
Garbage Disposal

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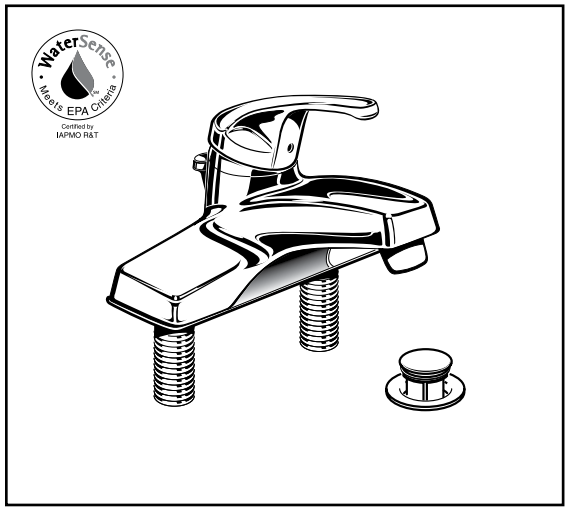
water efficiency

American Standard
Style That Works Better

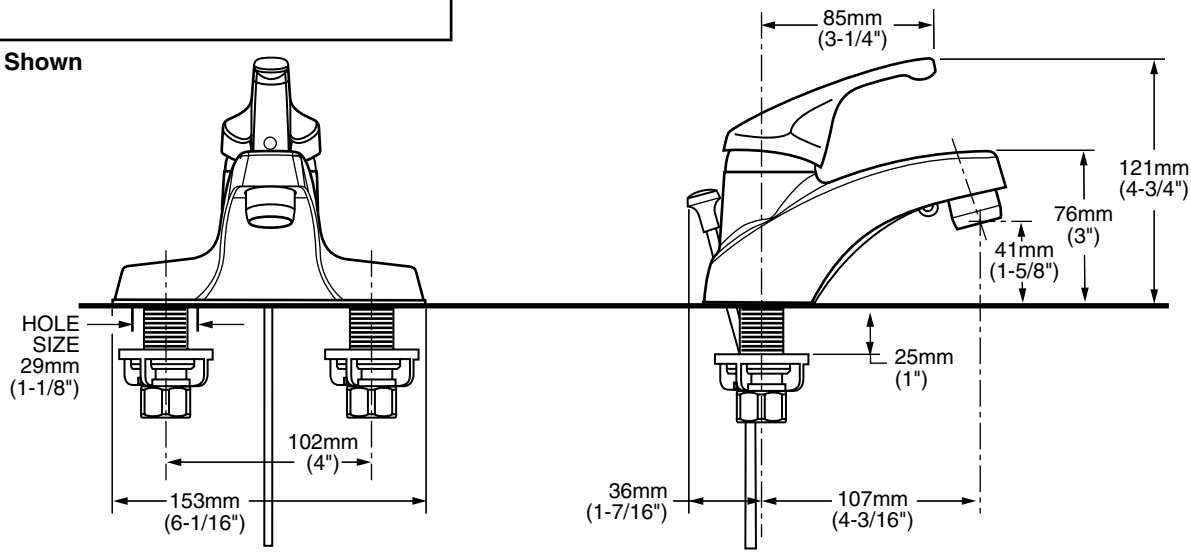
COLONY
SINGLE CONTROL LAVATORY FAUCET



2175.200 Shown

MODEL NUMBER:

- ❑ **2175.200 Colony Single Control Centerset**
  Metal Lever Handle. 50/50 Pop-up drain.
- ❑ **2175.202 Colony Single Control Centerset**
  Metal Lever Handle. Metal Pop-up drain.
- ❑ **2175.205 Colony Single Control Centerset**
  Metal Lever Handle. Less drain. With pop-up hole, plug button and rod.



GENERAL DESCRIPTION:

Single control lavatroy faucet on 4" centers. Washerless 40mm ceramic disc valve cartridge. Cast brass waterway with 1/2" male threaded brass inlet shanks. Metal body. Notched underbody to receive chain and stopper. 1.5 gpm/5.7L/min. maximum flow rate. Metal lever handle with large “comfort zone”.

PRODUCT FEATURES:

Cast Brass Waterways with “City Shanks”: Strong and durable. Integral tabs on casting provide a wobble-free installation.

Ceramic Disc Valve Cartridge: Assures a lifetime of drip-free performance.

Low Lead: Meets NSF Standard 61/Section 9 & Prop 65 lead requirements.

Longer Spout: Provides extended reach into lavatory.

Memory Position Valving: Allows user to turn valve on and off at preferred temperature setting without readjusting handle position each time.

Large “Comfort Zone”: Allows easy fine tuning of temperature.

Simple Installation: Fast and easy one person installation. Faucet drops in from top. Quick spin nuts secure faucet in place.

SUGGESTED SPECIFICATION:

Single control lavatory fitting shall feature cast brass waterways. Shall also feature washerless 40mm ceramic disc valve cartridge. Fitting shall be American Standard Model # 2175.____.____.

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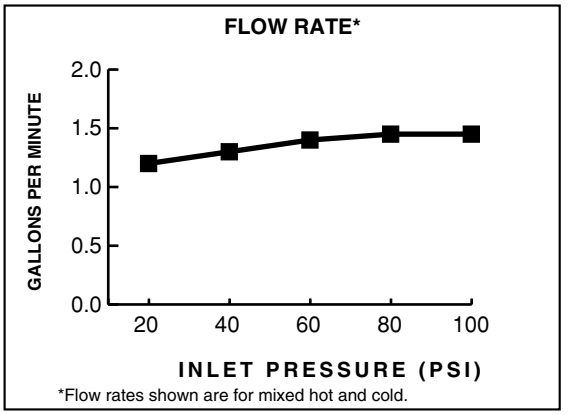
COLONY
SINGLE CONTROL LAVATORY FAUCET

CODES AND STANDARDS

These products meet or exceed the following codes and standards:

ANSI A117.1
ASME A112.18.1
NSF 61/Section 9
CSA B 125



Product Number	Description	Finish: Polished Chrome 002
2175.200	Colony Single Control Centerset. 50/50 Pop-up drain.	
2175.202	Colony Single Control Centerset. Metal Pop-up drain.	
2175.205	Colony Single Control Centerset. Less drain. With pop-up hole and rod.	

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

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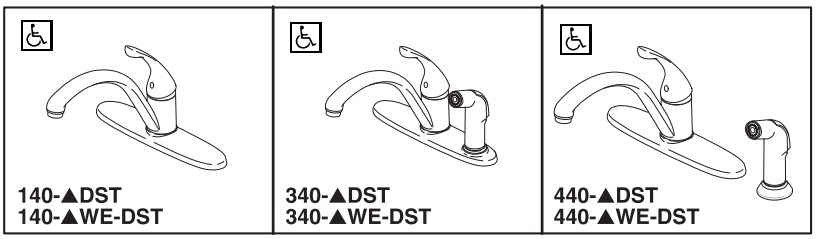


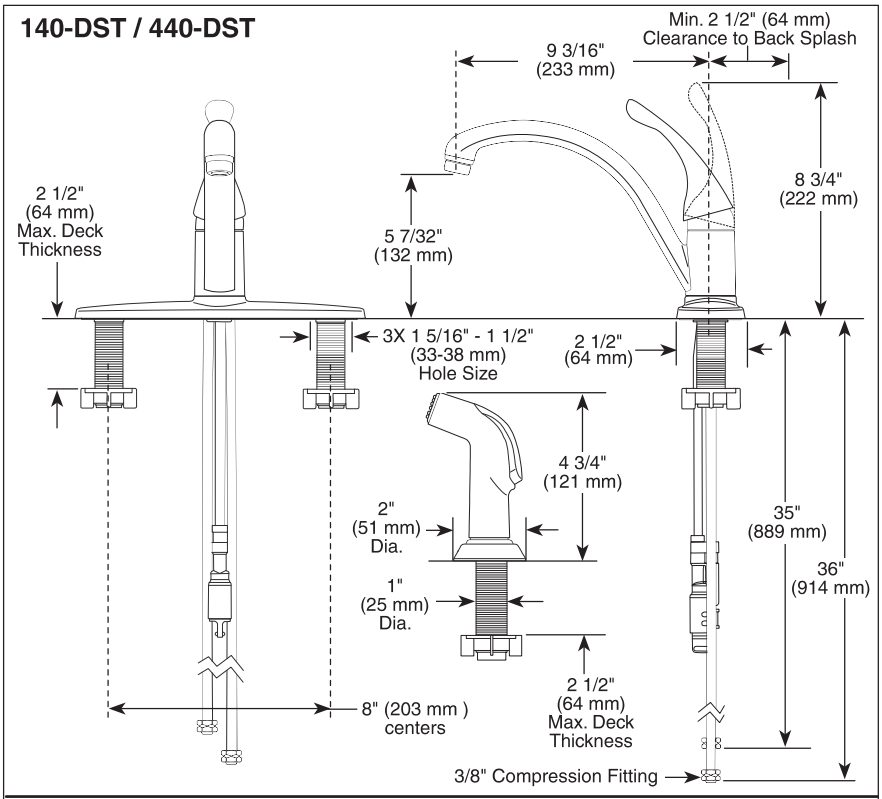
140-▲DST
140-▲WE-DST

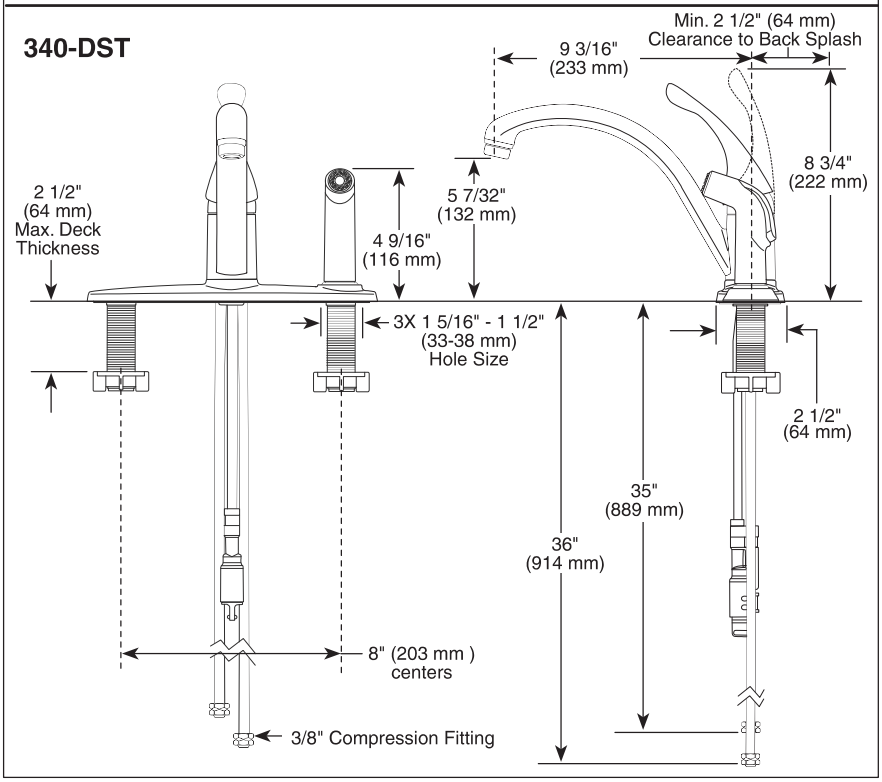
340-▲DST
340-▲WE-DST

440-▲DST
440-▲WE-DST

Submitted Model No.: _____

Specific Features: _____





▲ Designate Proper Finish Suffix

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.specselect.com for finish options and product availability.

DSP-K-140-DST Rev. E

KITCHEN FAUCETS

- Collins™ Series
- Single Handle Deck Mount
- 3 and 4 Hole Sink Applications
- DIAMOND Seal® Technology
- Integrated Supply Tubes

STANDARD SPECIFICATIONS:

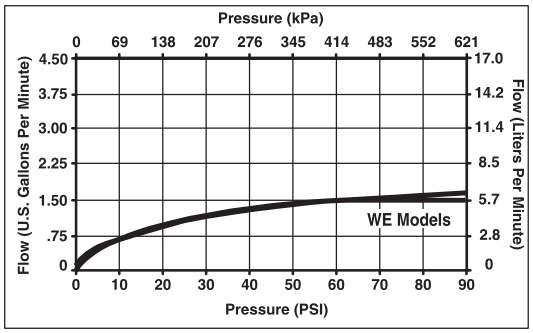
- 9 3/16" (233 mm) long spout swings 180°.
- Lever handle shall return to neutral position when faucet is turned off.
- Control mechanism shall be the diamond coated ceramic cartridge.
- Red/blue graphics on handle button to indicate hot/cold temperature
- Models 340 and 440 series with spray attachment have anti-siphon device as integral part of faucet.
- Vegetable sprayer hose with matching finish sprayhead on models 340 and 440 series - 45" (1143mm) long hose.
- 3/8" O.D. straight, staggered pex supply tubes- 35" (889 mm) and 36" (914 mm) long.
- Standard 3/8" (10 mm) compression gasket fittings.

WARRANTY

- Lifetime Faucet and Finish Limited Warranty to the original consumer purchaser to be free from defects in material and workmanship.
- 5 Year Limited Warranty for usage in all industrial, commercial and business applications.

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
- ASME A112.18.6
- Indicates compliance to ICC/ANSI A117.1
- Verified compliant with .25% weighted average Pb content regulations.



DELTA FAUCET COMPANY

55 E. 111th Street, Indianapolis, Indiana 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1

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KOHLER®

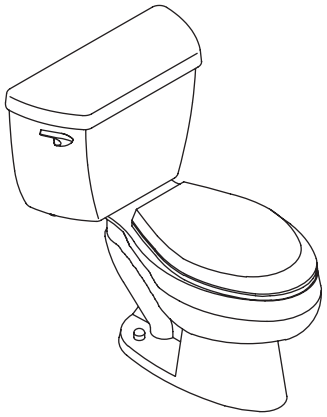
WELLWORTH®

PRESSURE LITE® 1.0 TOILET
K-3531

Features

- *12″ (30.5 cm) rough-in*
- *Polished chrome trip lever*
- *Less seat and supply*
- *Vitreous china*
- *1 gpf (4 lpf)*
- *Equipped with Sloan FLUSHMATE® – Sloan® Valve Company*
- *Combination toilet*
- *Optional bedpan lugs or tank cover locks*
- *Elongated bowl*
- *11-1/2″ (29.2 cm) x 9-1/2″ (24.1 cm) water area*
- *30-1/8″ (76.5 cm) x 21-1/4″ (54 cm) x 29-1/4″ (74.3 cm)*

WaterSense Meets EPA Criteria
Certified by IAPMO R&T



Codes/Standards Applicable

Specified model meets or exceeds the following:

- *ASME A112.19.2/CSA B45.1*
- *EPA WaterSense®*

Colors/Finishes

- 0: White
- Other: Refer to Price Book for additional colors/finishes

Accessories

- CP: Polished Chrome
- PB: Polished Brass
- Other: Refer to Price Book for additional colors/finishes

Specified Model

Model	Description	Trip Lever	Colors/Finishes	
K-3531	Elongated bowl toilet	left-hand	❑ 0	❑ Other_____
K-3531-RA	Elongated bowl toilet	right-hand	❑ 0	❑ Other_____
K-3531-T	Elongated bowl toilet with tank cover locks	left-hand	❑ 0	❑ Other_____
K-3531-TR	Elongated bowl toilet with tank cover locks	right-hand	❑ 0	❑ Other_____

Optional Accessories			
K-9481-L	Trip lever, left-hand (non-CP)	❑ PB	❑ Other_____
K-9481-R	Trip lever, right-hand (non-CP)	❑ PB	

Recommended Accessories					
K-4650	French Curve® seat with cover	❑ 0			❑ Other_____
K-4664	Brevia™ seat with cover	❑ 0			❑ Other_____
K-7637	Angle supply with stop – 3/8″ NPT		❑ CP	❑ PB	❑ Other_____

USA/Canada: 1-800-4KOHLER
(1-800-456-4537)
www.kohler.com

WELLWORTH®

Product Specification

The elongated combination toilet shall be made of vitreous china. Toilet shall be 30-1/8″ (76.5 cm) in length, 21-1/4″ (54 cm) in width, and 29-1/4″ (74.3 cm) in height with a 11-1/2″ (29.2 cm) x 9-1/2″ (24.1 cm) water area. Toilet shall be 12” (30.5 cm) rough-in and less seat and supply. Toilet shall include a polished chrome trip lever. Toilet shall have a 1.0 gal (4.0 L) per flush. Toilet shall be equipped with Sloan Flushmate® - Sloan Valve Company. Toilet shall have optional bedpan lugs or tank cover locks and available with right or left hand trip lever. Toilet shall be Kohler Model K-3531-_____.

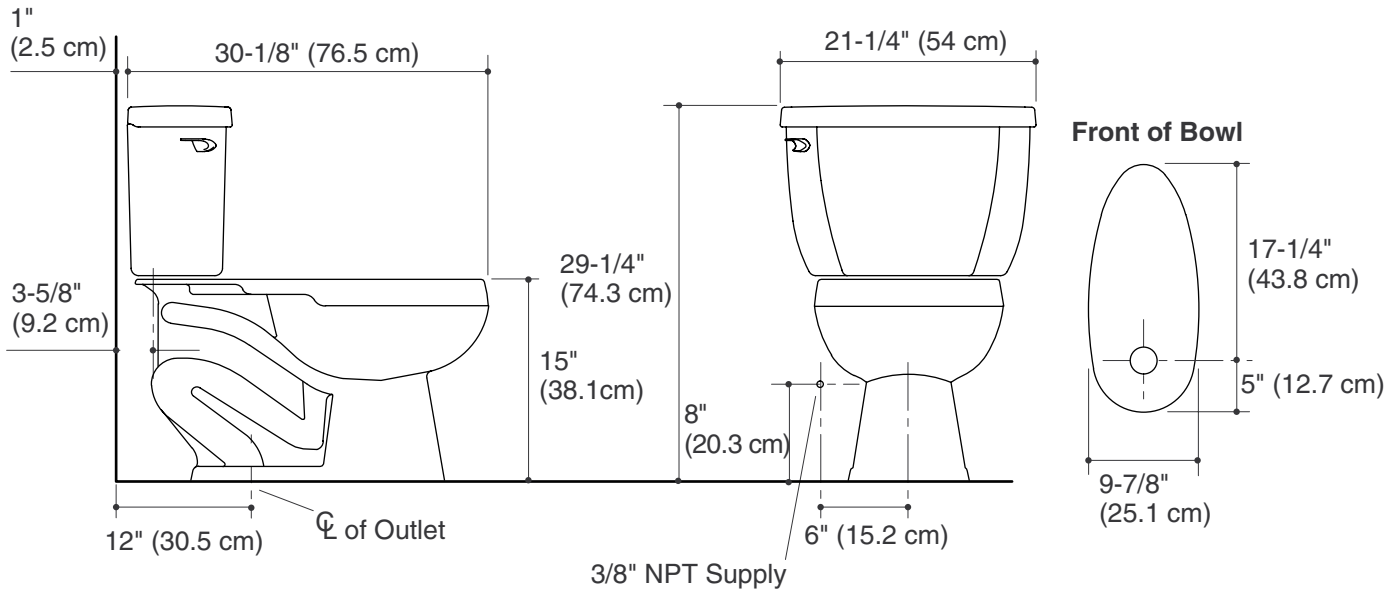
Technical Information

Fixture:	
Configuration	two-piece, elongated
Water per flush	1.0 gpf (4.0 lpf)
Passageway	2-1/4″ (5.7 cm)
Water area	11-1/2″ (29.2 cm) x 9-1/2″ (24.1 cm)
Water depth from rim	5-5/8″ (14.3 cm)
Seat post hole centers	5-1/2″ (14 cm)
Maximum static pressure required	35 psi (241 kPa)
Maximum static pressure	80 psi (551.6 kPa)

Included components*:	
Bowl	K-4303
Tank	K-4484
Tank cover	1036375
Bolt cap accessory pack	52048
Tank accessory pack	73062
Trip lever, left-hand	K-9481-L
Trip lever, right-hand	K-9481-R
* Equipped with Sloan Flushmate® - Sloan Valve Company	

Installation Notes

Install this product according to the installation guide.



Product Diagram

THE BOLD LOOK OF KOHLER®

American Standard
Style That Works Better

COMPACT CADET® 3 FloWise® RIGHT HEIGHT™ ELONGATED ONE-PIECE TOILET

VITREOUS CHINA

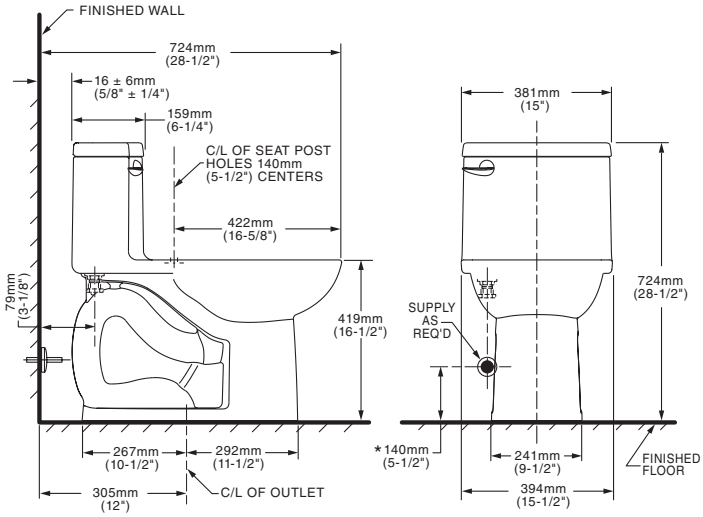
COMPACT CADET® 3 FloWise® RIGHT HEIGHT™ ELONGATED ONE-PIECE TOILET WITH SEAT

❑ **2403.128**
- Vitreous china
- Meets definition for HET (High Efficiency Toilet)
- High Efficiency (4.8 Lpf/1.28 gpf)
- Meets EPA WaterSense® criteria
- Space saving compact design - Elongated Right Height bowl fits in the same space as a round front toilet
- EverClean® surface inhibits the growth of stain- and odor-causing bacteria, mold, and mildew on the surface
- Featuring the **Cadet® 3 Flushing System**
- One-piece design
- Elongated siphon action jetted bowl with 2-1/8" trapway
- Internal trapway area fully glazed
- Rim height at 419mm (16-1/2") for accessible application
- Includes color-matched and design-matched solid plastic toilet seat and cover with slow-close hinges and EverClean® surface. Seat features unique sanitary seat lift tab
- Oversized 3" Flush Valve with Chemical Resistant Flapper
- 10" x 8" water surface area
- 2 bolt caps
- Chrome Trip Lever
- 100% factory flush tested
- 5 year warranty

❑ **2403.513** Same as above, except with Aquagurad liner in tank

❑ **2403.813** Same as above, except with trip lever on right side

❑ **2403.328** Same as above, less seat



NOTES:
THIS TOILET IS DESIGNED TO ROUGH-IN AT A MINIMUM DIMENSION OF 305MM (12") FROM FINISHED WALL TO C/L OF OUTLET.
SUPPLY NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.
* DIMENSION SHOWN FOR LOCATION OF SUPPLY IS SUGGESTED.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerance established by ANSI Standard A112.19.2
These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

Nominal Dimensions:
724 x 394 x 724mm (28-1/2" x 15-1/2" x 28-1/2")

Fixture only, supply by others

Compliance Certifications -
Meets or Exceeds the Following Specifications:
- ASME A112.19.2-2008/CSA B45.1-08 for Vitreous China Fixtures
- US EPA WaterSense® Specification for HET's

MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 REQUIREMENTS FOR ACCESSIBLE AND USABLE BUILDING FACILITIES-CHECK LOCAL CODES.

To Be Specified:
❑ Color:
❑ White ❑ Bone ❑ Linen ❑ Black
❑ Supply with Stop:

WATER EFFICIENT PRODUCT

WaterSense Meets EPA Criteria
Certified by IAPMO R&T

CADET® 3 Flushing System

© 2010 AS America Inc.

Revised 10/10

TOTO®

CST412MF

Aquia® Close Coupled Toilet, 1.6GPF & 0.9GPF

FEATURES

- Dual-Max® flushing system, low consumption (1.6GPF/6.0LPF & 0.9GPF/3.4LPF)
- Elongated bowl
- Universal Height
- Close coupled, elongated front bowl and tank set, less toilet seat
- Chrome push-button
- 12" Rough-in

MODELS

- CST412MF

COMPONENTS

- CT412F - Elongated Front Bowl
- ST412M - Tank and Cover only

- SS204 SoftClose® seat (sold separately)
- SS114 SoftClose® seat (sold separately)

COLORS/FINISHES

- Standard
  #01 Cotton
  #03 Bone
  #11 Colonial White
  #12 Sedona Beige
  #51 Ebony

PRODUCT SPECIFICATION

The two-piece, universal height, low consumption Dual-Max flushing system toilet shall be 1.6GPF/0.9GPF. Toilet shall have high-profile tank, elongated front bowl and chrome push-button. Toilet shall be TOTO Model CST412MF____.

DUALMAX® FLUSHING SYSTEM BY TOTO®

CODES/STANDARDS

- Meets or exceeds ASME A112.19.2/CSA B45.1, ASME A112.19.14
- Certifications: IAPMO(cUPC), EPA Watersense, State of Massachusetts , City of Los Angeles, and others
- Code compliance: UPC, IPC, NSPC, NPC Canada, and others
- Legislative compliance: California AB715, California Green Building Code, City of Los Angeles Water Efficiency Ordinance
- ADA compliant
  (center mount actuator/trip lever is approach side neutral*)
  * consult with your local jurisdiction for special requirements

CST412MF

Aquia® Close Coupled Toilet, 1.6GPF & 0.9 GPF

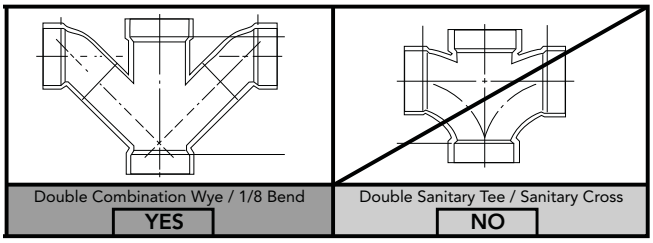
SPECIFICATIONS

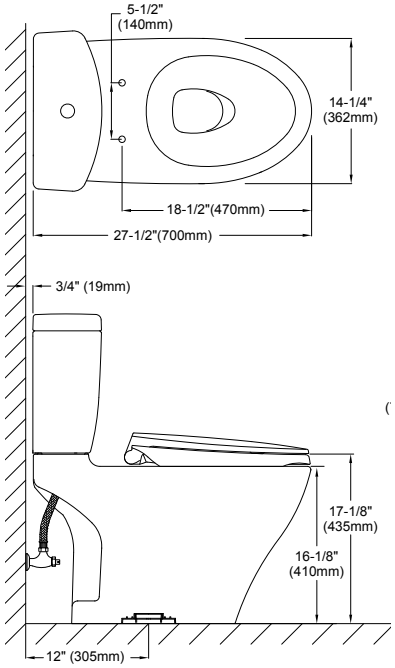
- Water Use — 1.6 GPF & 0.9GPF (6.0 LPF & 3.4LPF)
- Flush System — Dual-Max
- Min. Water Pressure — 8 psi (flowing)
- Water Surface — 6" x 4-1/2"
- Trap Diameter — 2-1/8"
- Rough-in — 12"
- Trap Seal — 2-1/8"
- Warranty — One Year Limited Warranty
- Material — Vitreous china
- Shipping Weight — CT412F - 80lbs; ST412M - 30lbs
- Shipping Dimensions — CT412F 30-3/4" L x 17-3/8" W x 20-1/2" H

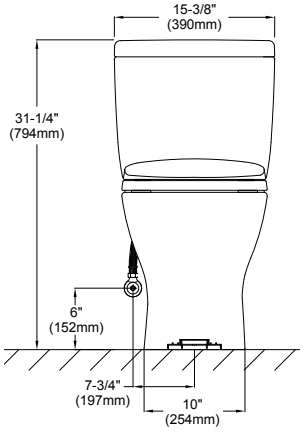
  ST412M 17-1/4" L x 7-7/8" W x 17-1/2" H

INSTALLATION NOTES

Back-to-Back Toilet Installations:
TOTO recommends the use of a nationally listed, double sanitary tee-wye only, in vertical waste stacks, in accordance with the stipulations noted in the majority of nationally recognized plumbing codes.







TOTO®

These dimensions and specifications are subject to change without notice

Ph: (888) 295-8134 | Fax: (800) 699-4889 | www.totousa.com

SS-00455 V.03

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KOHLER® FAUCETS

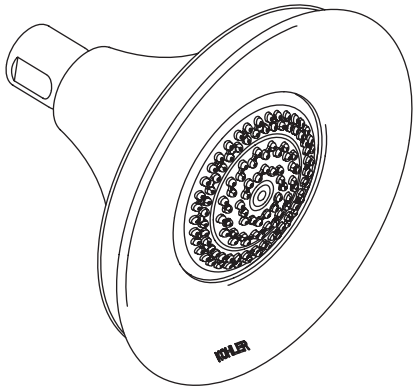
FORTÉ®

MULTI-FUNCTION SHOWERHEAD
K-10240

Features

- *3-function showerhead with wide coverage, medium coverage, and concentrated spray options*
- *1.75 gpm (6.6 L) per minute flow rate*
- *5-15/16″ (15.1 cm) diameter showerhead*
- *Complements Forté® Suite*
- *MasterClean™ spray nozzles to prohibit mineral build-up for easy cleaning*
- *1/2″ - 14 NPT connection*

WaterSense Meets EPA Criteria
Certified by IAPMO R&T



Codes/Standards Applicable

Specified model meets or exceeds the following:

- *ASME A112.18.1/CSA B125.1*
- *EPA WaterSense®*

Colors/Finishes

- CP: Polished Chrome
- Other: Refer to Price Book for additional colors/finishes

Accessories

- CP: Polished Chrome
- Other: Refer to Price Book for additional colors/finishes

Specified Model

Model	Description	Colors/Finishes	
K-10240	Multi-function showerhead	❑ CP	❑ Other ____

Recommended Accessories			
K-7397	Shower arm and flange – 7-1/2″ (13.7 cm) length, 1/2″ NPT	❑ CP	❑ Other ____

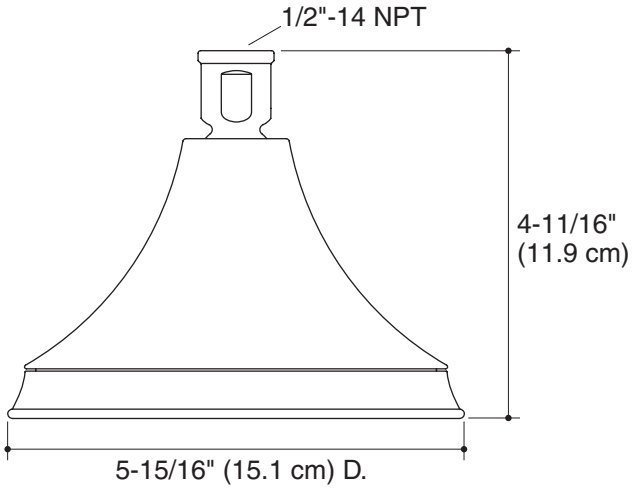
Product Specification

The showerhead shall feature a Masterclean sprayface nozzles to prohibit mineral build-up for easy cleaning. Showerhead shall have a 5-15/16″ (15.1 cm) diameter showerhead and a 1/2″-14 NPT connection. Showerhead shall feature a 1.75 gpm (6.6 L) per minute flow rate. Showerhead shall be available with a 3-function showerhead with wide coverage, medium coverage and concentrated spray options. Showerhead shall complement Forte suite. Showerhead shall be Kohler Model K-10240-____.

USA/Canada: 1-800-4KOHLER
(1-800-456-4537)
www.kohler.com

Installation Notes

Install this product according to the installation guide.



Product Diagram

THE BOLD LOOK OF KOHLER®

ENERGY STAR® Qualified Built-In Dishwasher

Model DU811SWPU **Rating:** Write the first review

we also recommend

see more photos

Reversible Panel
MSRP $289.00

add to favorites
add to compare

where to buy

Overview | Features | Specifications | Ratings & Reviews | Parts & Accessories | Manuals & Literature

Configuration and Overview

Fully Integrated/Console :	6"

Energy and Eco-Friendly

Resource Saver :	DuraWash™
Energy Star® Qualified :	Yes

Style and Extras

Interior Finish :	Plastic
Silverware Basket :	Silverware Basket in the Door
Sound Package :	"I" Blanket

Product Dimensions

D	24 7/8
H	34 3/8
W	23 7/8

Dimensions are for planning purposes only.
For complete information, visit owner center.

Cycle and Options

Heated Dry Option :	Yes
Number of Cycles :	5

Dimensions

Width :	23 7/8
Height :	34 3/8
Depth :	24 7/8

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GE® Tall Tub Built-In Dishwasher

Model# GLD2800VWW

- 5-stage filtration with Piranha™ hard food disposer - 5 self-cleaning filters ensure clean dishes
- Dedicated silverware jets - Highly pressurized spray jets target the silverware area for improved cleaning
- 4-level towerless wash system - 2 wash arms with 4 wash levels quietly direct water onto dishes for a powerful clean
- CleanSensor™ - A highly sensitive laser continually monitors the soil level and temperature in every cycle, adjusting water and cycle times as needed for the optimal cleaning results
- Natural convection heated dry option - A drying element effectively dries dishes reducing the need to towel dry after unloading
- 59 dBA sound level - 2 pump system minimizes sound
- ENERGY STAR® qualified and CEE Tier II rated - Meets or exceeds federal guidelines for energy efficiency for year-round energy and money savings
- Up to 12 place setting capacity white titanium racking - Provides flexibility to wash a variety of dishes at once and tall items in the lower rack with ease
- Deluxe silverware basket - Provides convenient space and capacity to clean silverware efficiently
- Heavy wash - Great for heavily soiled dishes and cookware
- Audible end-of-cycle signal - The dishwasher makes a sound to tell you when the load is complete and dishes are ready to unload

FEATURES

Style	Built-In
Tub and Door Liner	PermaTuf®
Tub Type	Tall Tub
Control Type	Electronic 5 Touchpads Front Controls
Dishwasher Control Features	1 "Clean" Cycle Progress Indicator Start/Reset Pad Last Cycle Memory Audible End-of-Cycle Signal
Wash System	4-Level Towerless
Wash System Features	Dual Pumps and Motors Piranha™ Hard Food Disposer
Sensor	CleanSensor™
Wash Arms	2-Direct Feed Lower Middle
Water Filtration System	Self-Cleaning 5-Stage Filtration with ExtraFine™ Filter
Dispenser	Rinse Aid with Indicator and Adjustment
Number of Cycles	2
Dishwasher Cycles	Normal Wash Heavy Wash
Number of Options	2
Dishwasher Options	Delay Start 2/4 Hr. Heated Dry On/Off
Rack Features	Deluxe Silverware Basket
Racking System	Towerless Titanium Colored Racks
Number of Place Settings	Up to 12
Upper Rack	Removable Deluxe Plus
Lower Rack	Towerless
Dishwasher Drying Features	Multi-Wattage Calrod Heater
Exterior Style	Traditional
Latch	Squeeze
Leveling System	Leveling Legs

- 2/4-hour Delay Start - Wash dishes at your convenience
- Two-pump system - One efficient pump for washing/ rinsing and one powerful low-energy pump to remove soils provide excellent wash performance with reduced sound

Have more questions? Please contact 1-800-626-2005

GE® ENERGY STAR® 3.5 DOE Cu. Ft. Capacity Frontload Washer

Model #: GFWN1100LWW

To magnify, move your mouse over the image above.

MSRP

$749

Where to Buy

APPROXIMATE DIMENSIONS (WxHxD)
27 in x 41 1/2 in x 31 1/4 in See full dimensions

ENERGY STAR® Qualified
Meets or exceeds federal guidelines for energy efficiency for year-round energy and money savings

3.5 DOE cu. ft. stainless steel basket
Handles a king-size comforter or 24 full-size bath towels with ease

Load-sensing adaptive fill
Washer automatically fills with just the right amount of water for the load

10 wash cycles
Discover a setting for almost every load, from heavy cottons to casual synthetics

HydroMotion™ wash action
Reversing wash action offers great cleaning performance with gentle wash motion

1000 RPM spin speed
Fast speeds remove more water during the spin cycle to minimize drying time

ENERGY STAR | ENERGY GUIDE

SEE COMPLETE PRODUCT DETAILS

- Additional Colors
- Capacity
- Features
- Claims & Certifications
- Appearance
- Weights & Dimensions
- Power Ratings
- Warranty

LITERATURE & MANUALS

- Quick Specs
- Use and Care Manual
- Installation Instructions
- Energy Guide
- CAD Download

All documents are PDF files. You will need Adobe Acrobat® Reader® to view.

PARTS & ACCESSORIES

To **purchase** related parts & accessories:

- Call 1-866-775-4557
- Shop online at the Parts & Accessories Store
- Locate a dealer near you

RELATED PRODUCTS

GE® 7.0 Cu. Ft. Super Capacity Electric Dryer
GFDN110ELWW
$749 MSRP

GE® Pedestal
SBSD137HWW
$219 MSRP

ADDITIONAL COLORS

White
GFDN110ELWW
$749 MSRP

White
GFWN1100LWW
$749 MSRP

White
GFDN110GLWW
$849 MSRP

- CAPACITY hide capacity

Total Capacity (cubic feet)	3.5 cu ft

- FEATURES hide features

Washer Cycles	Stain Wash Speed Wash Drain and Spin 2nd Rinse
Dispenser	Bleach Timed Flow-Thru™ Detergent (Liquid/Powder) Timed Flow-Thru™ Fabric Softener Timed Flow-Thru™
Control Type	Rotary-Electronic
Wash/Rinse Temperatures	3
Wash/Spin Speed Combinations	5
Washer Control Features	Digital Cycle Countdown LED Cycle Status Lights

YOU MIGHT ALSO LIKE

GE® ENERGY STAR® 4.0 IEC Cu. Ft. King-size Capacity Frontload Washer with Stainless Steel Basket
WBVH5300KWW
$799 MSRP

SERVICE & SUPPORT

- Washers/Dryers Service & Support
- Register Your Appliance
- Extended Warranties
- Appliance Donation Center
- Contact Us

	Child Lock End-of-Cycle Signal
Water Levels	Automatic
Specialty Cycles	BasketClean™
Whites Cycle	Yes
Colors Cycle	Yes
Adaptive Capabilities	Load Size
Cottons Cycle	Whites
Number of Cycles	10
Style	Front-Loading
Wash Basket Type	Stainless Steel
Water Temp System	PerfecTemp™
Handwash Cycle	Yes
Optional Soil Levels	Heavy Normal Light
Additional Washer Features	Fill and Drain Hoses Included Leveling Legs
Maximum Spin Speed	1000 RPM
Receptacle Type	3-Prong Grounding

- CLAIMS & CERTIFICATIONS hide claims & certifications

ENERGY STAR® Qualified	
CEE Tier II	
ADA Compliant	

- ECONOMICAL / QUIET hide economical / quiet

Quiet Package	Quiet-By-Design™

- APPEARANCE hide appearance

Color Appearance	White
Door Style	Tinted Glass
Installation	Undercounter, Stacked, Side-by-Side, Built-In

- WEIGHTS & DIMENSIONS hide weights & dimensions

Approximate Shipping Weight	248 lb
Net Weight (lbs.)	232 lb
Overall Depth	31 1/4 in
Overall Height	41 1/2 in
Overall Width	27 in
	Get installation instructions

- POWER / RATINGS hide power / ratings

Circuit Breaker or Time Delay Fuse	15 or 20 Amp
Motor Speeds	Variable (1000 RPM Max Spin Speed)
Volts/Hertz	120V; 60Hz

- ACCESSORIES hide accessories

Optional Pedestal Accessory	SBSD137HWW (Sold Separately)
Optional Stack Rack	GEFLSTACK (sold separately)

- WARRANTY hide warranty

Labor Warranty	Limited 1-year entire appliance
Parts Warranty	Limited 1-year entire appliance
Warranty Notes	See written warranty for full details

Have more questions? Please contact 1-800-626-2005.

Where to Buy

GE® 7.0 Cu. Ft. Super Capacity Electric Dryer

Model #: GFDN110ELWW

To magnify, move your mouse over the image above.

MSRP
$749

Where to Buy

APPROXIMATE DIMENSIONS (WxHxD)
27 in x 41 1/2 in x 31 1/8 in See full dimensions

7.0 cu. ft. super capacity
Increased capacity is designed to make easy work of comforters and towels

Sensor Dry Plus™
Continually monitors moisture levels to help clothes look better longer

Four heat selections
Provide the right temperature for the right drying results

10 dry cycles
Ten cycles give you control over drying performance

Rotary electronic controls with cycle countdown display and LED indicators
These controls are designed to simplify cycle selection and provide accurate cycle times

Interior Dryer Light
Lets you see everything inside for easy loading and unloading

SEE COMPLETE PRODUCT DETAILS

- Additional Colors
- Capacity
- Features
- Claims & Certifications
- Appearance
- Weights & Dimensions
- Power Ratings
- Warranty

LITERATURE & MANUALS

- Quick Specs
- Use and Care Manual
- Installation Instructions
- CAD Download

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PARTS & ACCESSORIES

To **purchase** related parts & accessories:

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- Shop online at the Parts & Accessories Store
- Locate a dealer near you

RELATED PRODUCTS

GE® ENERGY STAR® 3.5 DOE Cu. Ft. Capacity Frontload Washer
GFWN1100LWW
$749 MSRP

GE® Pedestal
SBSD137HWW
$219 MSRP

ADDITIONAL COLORS

White
GFDN110ELWW
$749 MSRP

White
GFWN1100LWW
$749 MSRP

White
GFDN110GLWW
$849 MSRP

- CAPACITY hide capacity

Total Capacity (cubic feet)	7.0 cu ft
Unit Capacity	Super

- FEATURES hide features

Temperature Options	High/Medium/Low/Exra Low
Control Type	Rotary-Electronic
Heat Selections	4
Moisture Sensor	Yes
Speed Dry	Yes
Style	Front-Loading
Dual Thermistors	Yes
Additional Cycles	Mixed Load Air Fluff Extended Tumble Delicates 90 Minute Timed Dry
Delicates Cycle	Yes
Optional Dryness Levels	More Dry Dry Less Dry

YOU MIGHT ALSO LIKE

GE® 7.0 Cu. Ft. Super Capacity Electric Dryer
DBVH520EJWW
$799 MSRP

SERVICE & SUPPORT

- Washers/Dryers Service & Support
- Register Your Appliance
- Extended Warranties
- Appliance Donation Center
- Contact Us

Timed Dry	Yes 90 Minutes
Tumble Drying	Yes
Cottons Cycle	Yes
Number of Cycles	10
Drum Type	DuraDrum™
Exhaust Options	4-Way (Rear; Right; Left & Bottom)
Flexible Installation	Undercounter, Stacked, Side-by-Side
Fuel Type	Electric
Reverse-a-Door	Yes
Additional Dryer Features	Front Serviceable Lint Filter with Reminder Interior Light
Dryer Control Features	Cycle Countdown LED Cycle Status Lights Child Lock Add Time Clean Lint Filter Reminder Light End-of-Cycle Signal

- CLAIMS & CERTIFICATIONS hide claims & certifications

ADA Compliant	

- ECONOMICAL / QUIET hide economical / quiet

Quiet Package	Quiet-By-Design™

- APPEARANCE hide appearance

Color Appearance	White
Door Style	Tinted Glass

- WEIGHTS & DIMENSIONS hide weights & dimensions

Approximate Shipping Weight	130 lb
Case Depth (in.)	25-1/2
Depth with Door Open 90° (in.)	51-3/4
Height to Top of Case (in.)	36
Net Weight (lbs.)	120 lb
Overall Depth	31 1/8 in
Overall Height	41 1/2 in
Overall Width	27 in
	Get installation instructions

- POWER / RATINGS hide power / ratings

Volts/Watts/Amps	240V,5600W,24A,60Hz or 208V,4400W,22A,60Hz

- ACCESSORIES hide accessories

Optional Pedestal Accessory	SBSD137HWW (Sold Separately)
Optional Stack Rack	GEFLSTACK (sold separately)

- WARRANTY hide warranty

Labor Warranty	Limited 1-year entire appliance
Parts Warranty	Limited 1-year entire appliance
Warranty Notes	See written warranty for full details

Have more questions? Please contact 1-800-626-2005.

Where to Buy

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BgreenToday

- Toilets: Dual Flush
- Countertops
- Eco-Conscious Flooring
- Wood Decking Tiles
- Natural Oil Floor Finish by Rubio
- Paint, Sealer & Stain by AFM Safecoat
- PolyWhey Finish by Vermont Naturals
- Plaster by American Clay
- Adhesives, Caulks and Sealants
- LEED Qualifying Products & Credits
- Woodburning Stoves
- Rain Barrels
- Solar Hot Water Heater
- Recycled Glass Tiles & Mosaic Sheets
- Solar Attic Fans
- Tubular Skylights
- Solar Panels
- Water Savings Devices
  - All
  - Aerators
  - Tankless Hot Water Systems by Noritz
  - Water Filters
  - Whole House
- Windmills by Falcon
- E-Fuel Systems
- Wallpaper Eco Friendly
- Home Improvement

Rain Barrel Kit

Choose The Completed Barrel or the DIY Kit:

- ○ COMPLETE, $99.95
- ◉ KIT, $85.00

Quantity: 1

Rain Barrel - Made by Bgreen Inc.

Collect Rain Water to use on the Garden and Flowers. Saves money and helps keep your garden watered and happy with the type of water it deserves -- straight from the sky. We use re-purposed barrels from right here in Michigan. A complete Rain Barrel has a piece to connect to your existing rain spout. So that no debris gets through, there is a screen the water has to pass through before entering the barrel. Overflowing is not an issue with the overflow spout toward the top of the barrel which can also be used to connect a hose to another barrel. At the bottom is a faucet that connects to a regular water hose.

Rainwater collection from roofs can be calculated using the following formulas:

- 1 inch of rain on a 1,000 square feet (93 m2) roof yields 623 gallons of water; or
- 1 cubic foot equals (12 inch by 12-inch (300 mm) by 12-inch (300 mm) cube) equals 7.48 gallons; or
- 1 millimeter of rain on a 1 square meter surface yields 1 litre of water.

LEED Qualifying Products & Credits Rain Barrels Water Savings Devices Home Improvement Green Building Supply

Send to friend

© BGREENTODAY CONTACT US: 734-214-3000 TOLL FREE: 877-214-3014 PRIVACY POLICY

Waste King Garbage Disposal - 2600 1/2 HP Legend Series Garbage Disposer

LARGER IMAGE

Product Description | Details | Customers Also Purchased | Reviews

Waste King Garbage Disposer Legend Series 2600 1/2 HP Disposer

Waste King Garbage Disposal

Model : Waste King Legend 2600 1/2 H.P.

The Waste King Garbage Disposal Legend Series 2600 1/2 HP Disposer is one if the best food waste dispose magnet motor, this disposer can get rid of all your gourmet waste. This disposer is also Septic Safe, making it

- Space saving compact design!
- High-speed 2600 r.p.m. permanent magnet motor produces more power per pound.
- Stainless steel grinding components.
- Fast and easy mount system provides a no hassle installation.
- Removable splash guard is included.
- Safe for properly sized septic tanks.
- Longest warranties in the industry demonstrates commitment to quality.
- 5 Year In-Home Service Warranty and Lifetime Corrosion Warranty**.**

Waste King Information

Waste King® EZ Mount Legend Series

Reasons to Buy Waste King® | Compare Waste King® | Dimension/Warranty Information Insert | Parts Brea
Instructions | Product Display Stuffer - Sales Sheet | V

Garbage Disposal Specs

Motor Horsepower:1/2 HP
Motor Speed R.P.M.:2600
Voltage:115

Hz:	60
Current-Amps:	4.5
Motor Type:	Permanent Magnet
Power Cord	Included
Sink Flange:	Stainless Steel & Celcon
Stopper:	Positive Seal
Splash Guard:	Removable
Waste Elbow:	ABS
Feed:	Continuous
Grind Ring:	Stainless Steel
Swivel Impellers:	Stainless Steel
Turntable:	Stainless Steel
Hopper:	Glass Filled Nylon
Grinding Chamber:	Corrosion Proof Glass Fill
Bearings:	Permanently Lubricated; S
Overload Protector:	Manual Reset Type
Sound Dampening Shell:	Yes
Shipping Weight (lbs.):	9.5

Optional Accessories: (in the box below)
You do not have to order this remote switch unless you don't want to use your wall switch or don't already have switch. This fiber optic switch fits in your existing extra sink hole if available on your sink (for soap dispensers) option as a convenience for our customers who want this popular item.

Fiber Optic Remote Switch - Model FRC-4017 (Click here for more info)
Model 4016 and 4017 (4017 shown). This is a package. 4016 is the unit and 4017 is the button. 4017 is includ
Fiber Optic Remote Switches - 4017
Remote control switch installs in 5 minutes to your countertop, sink or cabinetry and is perfect for use with an i optic remote switch has no wiring connections or code restrictions. We carry them in Chrome and Satin Nickel.
Chrome: FOS 4017-CH
Satin Nickel: FOS 4017-SN
Biscuit: FOS 4017-BIS
Sink Hole Adapters - 4018
Decorator colors match remote control buttons, fit into standard sink holes and allow for quick installation. We
Chrome: FOA 4018-CH
Satin Nickel: FOA 4018-SN

Product 4/10
Prev Listing Next

ask us about this item ?

Boilers
Water Heater
Tankless Water Heating
Exhaust Fan and Light
Exterior Fixture with Photocell
Ceiling Fixture
Kitchen Ceiling Fixture
Wall Fixture
Occupancy Sensors
Induction Cooktop
Solar Water Heating

renovation . rehabilitation . new construction .

energy and atmosphere

Natural or Propane Gas-Fired Modulating Condensing Boilers

Quality Engineered for Efficiency and Dependability

UB95M-200 Series

UTICA BOILERS
The Heat is ON!

energy
LEARN MORE AT
energystar.gov

The Value of Efficiency

UB95M•200

High efficiency is your solution to today's ever-increasing energy costs. As an ENERGY STAR Partner, Utica is proud to offer the 95% AFUE UB95M-200 gas-fired, condensing, hot water boiler.

The UB95M-200 was the first 95% AFUE boiler available. Check with your local utility company regarding the availability of high efficiency rebates.

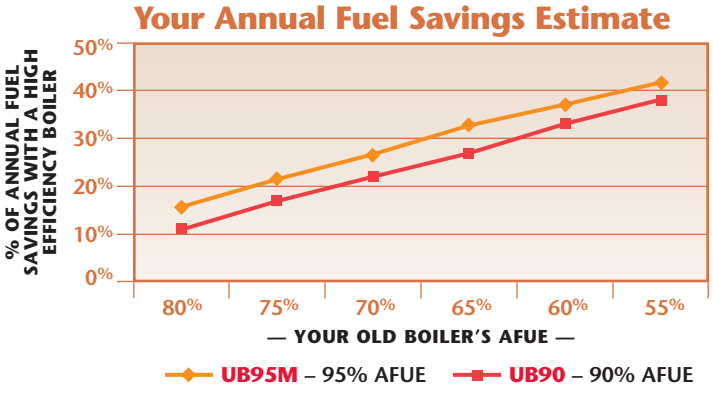
Your leading value in...

Cost Saving Features

- **Infinitely Modulating Capacity from 80 to 200 MBH**
  An advanced microprocessor control continuously monitors supply and return water temperature, adjusting boiler output to match building load – ideal for applications with multiple zones.
- **Outdoor Temperature Reset**
  Additional savings with factory standard control, which adjusts the water supply temperature for best possible fuel economy based on actual seasonal conditions.
- **Domestic Hot Water Priority**
  Used with an indirect hot water heater, the UB95M saves energy by redirecting heat where and when it's needed. No waiting for hot water.

Annual Fuel Savings

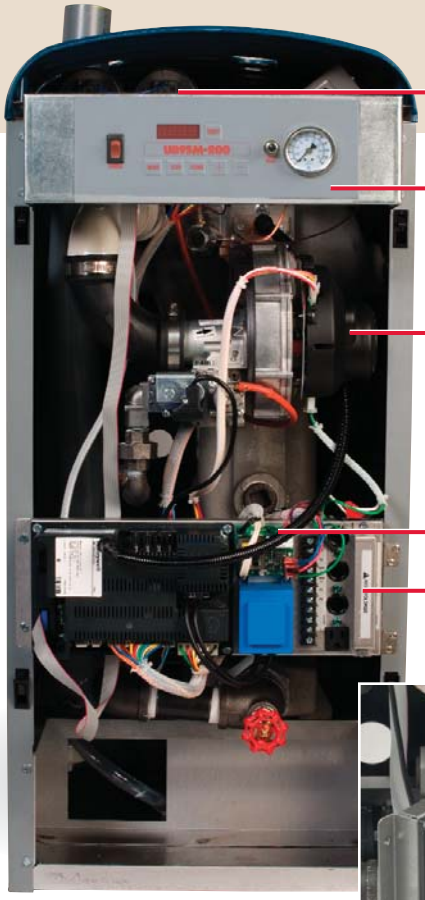
The chart below can be used to estimate annual fuel cost savings for space heating when replacing an old inefficient boiler with a new condensing boiler.



Reliability and Peace of Mind

- **15-Year Limited Manufacturer's Warranty**
- Optional **Comfort Plus** 5 or 10 Year Extended Parts and Labor Warranty available.

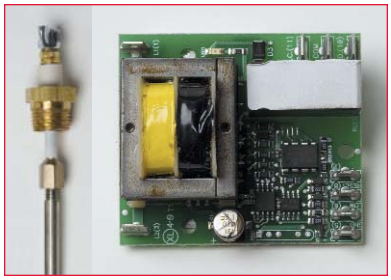
COMFORT PLUS EXTENDED WARRANTY



Easily accessible front mount controls.

Digital display/user interface for real time operating diagnostics and programming information.

Low Pressure Drop, ASME Certified Monoblock Cast Aluminum Heat Exchanger – lightweight and corrosion resistant.



Factory installed, probe type, LWCO accurately senses water level to help prevent dry firing. Meets local codes requirements.

UB95M-200 Installation Features

The "Dealer-Driven Design" of the UB95M-200 is engineered with installation flexibility and convenience that benefit both the installer and the homeowner.

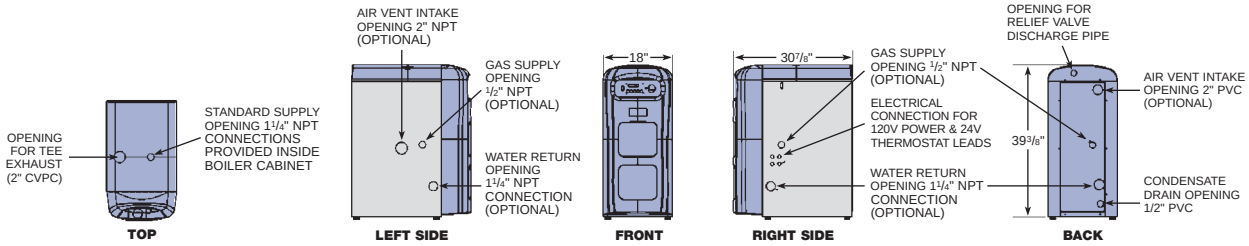
- Intake & Flue gasses can be piped with readily available 3" PVC up to 100 equivalent feet.
- Option of left, right or rear exit for return plumbing and gas piping.
- Piping connection options on rear and top of units facilitate multiple boiler installations with boilers located in close quarters.
- Integral Condensate Trap (No Field Assembly Required).
- Standard 115V convenience outlet.

Contractor Benefits

- **EASY INSTALLATION.**
- Ideal for high efficiency replacement jobs, new homes, radiant heating, and domestic hot water applications.

100% factory tested

UB95M•200 Natural or Propane Gas-Fired Modulating Condensing Boiler


OPENING FOR TEE EXHAUST (2" CVPC)
STANDARD SUPPLY OPENING 1¼" NPT CONNECTIONS PROVIDED INSIDE BOILER CABINET
TOP
AIR VENT INTAKE OPENING 2" NPT (OPTIONAL)
GAS SUPPLY OPENING ½" NPT (OPTIONAL)
WATER RETURN OPENING 1¼" NPT CONNECTION (OPTIONAL)
LEFT SIDE
18"
FRONT
30⅞"
GAS SUPPLY OPENING ½" NPT (OPTIONAL)
ELECTRICAL CONNECTION FOR 120V POWER & 24V THERMOSTAT LEADS
WATER RETURN OPENING 1¼" NPT CONNECTION (OPTIONAL)
RIGHT SIDE
OPENING FOR RELIEF VALVE DISCHARGE PIPE
39⅜"
AIR VENT INTAKE OPENING 2" PVC (OPTIONAL)
CONDENSATE DRAIN OPENING 1/2" PVC
BACK

UB95M-200 RATINGS

MODEL	INPUT (MBH)		HEATING CAPACITY (MBH)	I=B=R NET RATING (MBH)	AFUE (%)	FLUE DIAMETER	SHIPPING WEIGHT (LBS.)
UB95M-200	Max	200	190	165	95	3"	284
	Min	80	76	66	95		

Specifications

- Gas Fired Direct Vent Condensing Hot Water Boiler
- Uses natural or LP gas
- May be installed on combustible flooring (No Carpets)
- 8" clearance to rear, 1" clearance to top, front, left side, right side and base to combustible construction
- Option of left, right, or rear exit for return plumbing and gas piping
- 8" clearance to side where exits for air intake, gas, water and electrical installation
- 8" clearance to top, 24" clearance to front and left side, 12" clearance to rear for service
- 0" clearance for vent and air intake pipes to combustible clearances
- Water content in heat exchanger is 2.6 gallons

Connections

- 120 Volts AC, 60 hertz, 1 phase, less than 12 amps
- Vent pipe and air intake pipe
  - Vent Pipe - first 2.5 feet is schedule 80 2" CPVC (provided), then schedule 40 3" PVC
  - Air intake – schedule 40 3" PVC
- Water In/ Out ..... 1-1/4" NPT
- Gas In ..... 1/2" NPT
- Condensate Drain ..... 1/2" PVC
- Vent length runs – minimum of 15 ft. with a maximum of 100 equivalent ft.

Standard Equipment

- Aluminum monoblock boiler with painted metal and plastic jacket
- High limit Aquastat
- Circulator (Taco 007 or Grundfos)
- Manual reset LWCO
- Pressure gauge
- Temperature display
- 30 psi ASME rated relief valve
- Air purge vent
- Service switch
- Service receptacle outlet
- Microprocessor based modulating control
- Modulating burner
- Modulating automatic gas valve
- Modulating blower
- Direct Spark Igniter
- Manual Reset casting temperature switch
- Air proving / blocked vent safety assembly
- Integral condensate trap
- Outdoor Temperature Sensor with cover
- LP Conversion Kit standard

Options

- Concentric Vent Kit
- AMB Multiple Boiler Control – Outdoor reset, priority override, lead boiler run time rotation. Available in two sizes to allow stage firing of up to 8 Boilers

MEA #33906-E

UTICA BOILERS

An ISO 9001-2000 Certified Company

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High Efficiency 40 Gallon Natural Gas Water Heater

40G 12YR NG TALL ESTAR.70 WTRHTR

Model: PCG2J4040T3NOV **Lowe's Item* #:** 330876

Product Features

- FLAME LOCK® Safety System Reduces the Risk of Accidental Fires Involving Flammable Vapors
- Advanced technology makes this the most efficient conventional vent gas water heater
- .70 Energy Factor (EF) exceeds current ENERGY STAR® requirements
- LCD interface provides self diagnostics as well as easy temperature adjustment
- Requires standard 120-volt power outlet (10 foot power cord included)
- Self Diagnostics – LED status indicator monitors system status
- Electronic Ignition - eliminates nuisance pilot outage issues associated with standing pilot models
- Customer Friendly Combination Gas Valve/Thermostat with Vacation Setting
- Low NOx

- Features & Specs
- Guides & Literature
- Energy Efficiency
- Rebate Finder
- Support Resources
- Ratings & Reviews

Features and Specs

- **Capacity** 40 Gallons
- **Family Size** 3-4
- **Warranty** 12 Years
- **Gas BTU Input** 40,000 BTU's
- **Energy Factor** 0.70
- **Self Cleaning** Yes
- **Tank Style** Tall
- **Gas Type** Natural Gas
- **High Altitude** Certified from 0 to 10,100 Feet

Dimensions

Diameter 20"
Height 61.75"

Height with Draft Hood 65.5"

Available at

Lowe's® Stores Nationwide
Professional Installation
available at Lowe's

Read all PCG2J4040T3NOV reviews

*Some items numbers may not be stocked in all Lowe's Home Improvement Warehouse stores. Some item numbers are available through special order only. Please consult the special order catalog or any sales associate for assistance at any Lowe's Home Improvement Warehouse store.

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RHEEM TANKLESS WATER HEATERS

imagine

never running out
of hot water again…

Tankless water heaters
Continuous hot water

Rheem®

relax
It's Rheem®

energy
LEARN MORE AT
energystar.gov

continuous hot water from Rheem

1-2 BATHROOM HOMES*

RTG-64 Series

Indoor Direct Vent and Outdoor models.
RTG-64DV, RTG-64X – Natural or LP Gas.
Remote Control.

2-3 BATHROOM HOMES*

RTG-84 Series

Indoor Direct Vent and Outdoor models.
RTG-84DV, RTG-84X – Natural or LP Gas.
Remote Control.

3 BATHROOM HOMES*

RTG-95 Series

Indoor Direct Vent and Outdoor models.
RTG-95DV, RTG-95X – Natural or LP Gas.
Remote Control.

H95 Condensing Series

Indoor Direct Vent and Outdoor models.
RTGH-95DV, RTGH-95X – Natural or LP Gas.
Remote Control.

3 OR MORE BATHROOM HOMES*

EZ-Link™ Cable System

Tankless installations are easily expandable. For high demand applications you can connect two or more Rheem tankless units to operate together. Contact dealer or factory for details.

Product appearance may differ.

* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.

These selections are based on typical showers & faucets operating simultaneously at 65° F ground water.

Typical shower – up to 2.5 gallons of water flow per minute; typical faucets – up to 2 gallons of water flow per minute.
Model selections and availability are subject to change without notice.

Homeowners that purchase a qualified Rheem tankless water heater between January 1, 2009 and December 31, 2010 are now eligible for a tax credit equal to 30% of the full purchase and installation price with a cap of $1,500.

For more information visit: www.energytaxincentives.org/general/legislative.php

Why tankless gas water heaters by Rheem?

CONTINUOUS HOT WATER…
when you need it. It's that simple.

The popularity of luxury bathrooms is growing, and so is the demand for large volumes of low-cost hot water. The Rheem Tankless provides a compact solution for a continuous supply of energy-efficient hot water that won't run out.

ENERGY-EFFICIENT DESIGN…
low-cost operation.

Why keep 40-50 gallons of water hot when you don't need it? It's expensive to continue to heat and re-heat water when you're not home or not using it. Rheem's tankless design offers convenience without the high cost of keeping water hot.

COMPACT SIZE…
good things do come in small packages.

Rheem Tankless is about one third the size of a conventional water heater. Sophisticated technology has reduced the size and increased the features and benefits. A digital display makes setting a precise water temperature, or monitoring the unit's status, a snap! Its compact size will leave room for a water softener or extra storage.

PRECISE TEMPERATURE CONTROL

Many user and installer-friendly features make the Rheem Tankless the easiest tankless water heater to own. The digital display makes it simple to set the water temperature. Simply set the desired temperature and walk away. Because the water is heated only when it is needed, the outgoing water temperature remains constant.

SELF-DIAGNOSTIC

Should maintenance be required, the unit's self-diagnostic system will display a maintenance code, which makes troubleshooting quick, accurate and less expensive.

EZ-LINK™ CABLE

EZ-Link cable connects two tankless units to operate as one – now available for high demand applications.

RHEEM QUALITY

We are committed to providing the highest quality product to customers. The Rheem Tankless is no exception. The specially designed features have been field and laboratory tested to ensure consistent, precise operation to meet our quality standards.

continuous
hot water.
Bath, after bath, after bath.

- **Use as an energy-efficient water heater. Use larger models for multiple use applications, smaller models for single use applications.**
- **Perfect for handling the hot water demands of today's busy families and luxury bathrooms.**
- **Heat water for a vacation home without the inconvenience of emptying and refilling a tank-style water heater each season.**
- **Provides an ideal solution when space is an issue.**

Rheem®

relax
It's Rheem®

the perfect solution

for a wide variety of water heating needs

These innovative, new tankless gas water heaters provide a continuous supply of hot water from an energy-efficient and space-saving design – about the size of a medicine cabinet.

- **New!** Standard models feature 3"/5" concentric vent system with integrated condensate collector and *Prestige* models vent with PVC and feature a built in condensate neutralizer
- **New!** Next generation burner technology
- UMC-117 remote control is included and can be set from the out-of-the-box 120 degrees – up to a 140 degree maximum (additional remote control thermostats are available – sold separately)
- EZ-Link™ cable connects two tankless units to operate as one – now available for high demand applications
- **Exclusive!** Guardian™ overheat film wrap (OFW)
- **Exclusive!** High-altitude capability options – up to 9,840 ft. elevation above sea level
- **Exclusive!** All Rheem models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- **New!** Manifold up to 6 units with an optional MIC-6 manifold control board
- All Rheem tankless models are third-party efficiency certified by GAMA
- Continuous hot water
- Energy saving design - *Prestige* models feature a .94 EF
- Compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self diagnostic program
- Digital display shows temperature setting and maintenance codes
- All models meet **ENERGY STAR®** requirements
- Built-in electric blower
- Indoor models supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Installation vent kits available – sold separately
- All models feature freeze protection to -30° F

LEARN MORE AT energystar.gov

Limited Warranty

12-Year on heat exchanger, 5-Year on parts, 1-Year on labor*

* See Residential Warranty Certificate for complete warranty information.

Certifications and Ratings

These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

Whole-Home Systems

Renovations, Additions and Vacation Homes

Luxury Bathrooms

The Rheem Tankless makes quick work of all these applications with one convenient, reliable unit that will fit almost anywhere indoors, or if space is tight, ask about our outdoor models.

Specifications

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.	
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE GPM @ 77° RISE MAX.	WATER FLOW RATE GPM @ 45° RISE MAX.	WATER FLOW RATE GPM @ 35° RISE MAX.	CONNECTION WATER	CONNECTION GAS	HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OP. COST NAT/LP
RHEEM TANKLESS WATER HEATERS FOR 1-2 BATHROOM HOMES															
RTG-64DVN	11,000 - 150,000	Indoor Direct Vent	100° to 140° F	3.3	5.6	6.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	$223/$374
RTG-64XN	11,000 - 150,000	Outdoor	100° to 140° F	3.3	5.6	6.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	$223/$374
RHEEM TANKLESS WATER HEATERS FOR 2-3 BATHROOM HOMES															
RTG-84DVN	11,000- 180,000	Indoor Direct Vent	85° to 140° F	3.9	6.7	8.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	$223/$374
RTG-84XN	11,000- 180,000	Outdoor	85° to 140° F	3.9	6.7	8.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	$223/$374
RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES															
RTG-95DVN	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	4.3	7.4	9.5	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	$223/$374
RTG-95XN	11,000 - 199,900	Outdoor	85° to 140° F	4.3	7.4	9.5	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	$223/$374
NEW! **RHEEM PRESTIGE CONDENSING TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES**															
RTGH-95DVN	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	$194/$326
RTGH-95XN	11,000 - 199,900	Outdoor	85° to 140° F	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.94	$194/$326

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

- Factory set temperature is 120° F for all models. See Use and Care Manual for setting.
- For installations above 3,280 feet, adjustment is required. Refer to Rheem price list or consult factory for details.
- Consult factory for information on sizing the application.

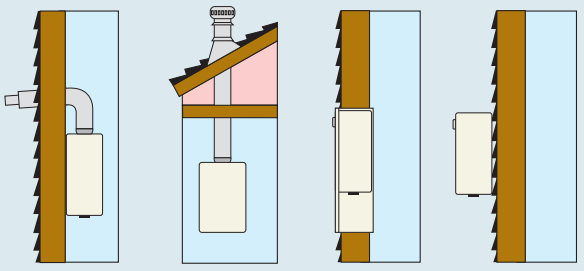
Installation Vent Kits available, sold separately.

Maximum Hot Water Flow Rate and Temperature Rise

Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTG-64 Water Flow (GPM)	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5
RTG-84 Water Flow (GPM)	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0
RTG-95 Water Flow (GPM)	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3
RTGH-95 Water Flow (GPM)	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8

Above estimates are for sizing purposes only.

Venting Options and Installations



Indoor horizontal vent termination

Indoor vertical vent termination

Outdoor* recess box installation

Outdoor* installation

*Outdoor units do not require venting materials.

All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved stainless steel venting material (No other venting material is permitted). All indoor models require stainless steel venting material.

Venting details, including clearances and diagrams can be found in the “Use & Care Manual” of Rheem indoor tankless water heaters.

Rheem®

relax It's Rheem®

More Rheem water heaters have been installed in homes than any other brand. Rheem has been providing reliable water heating to the world since we invented the water heater over 100 years ago.

Premier Customer Experience *Priority One!*

Rheem Water Heating will be the premier customer experience provider of Rheem tankless water heaters. Rheem's philosophy of speed, accuracy and attentiveness will guide this initiative. This will be achieved through customer education, internal and external training, and after sales service.

For more information,
call **1-866-720-2076**
or visit **rheem.com**

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

Tankless water heaters
Continuous hot water

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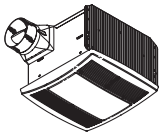
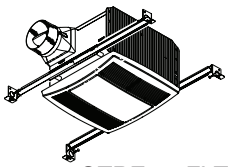
Printed in U.S.A. 10/10 WP 101-66-10 Rev. 1

BROAN®

SPECIFICATION SHEET

QTR / QTRE SERIES FAN / LIGHT / NIGHT LIGHTS
MODELS QTR080L, QTR110L, QTRE080FLT, QTRE110FLT


QTR080L
QTR110L


QTRE080FLT
QTRE110FLT

Ultra-quiet, high performance bath fan / light with a modern-styled grille.

FEATURES

BLOWER:
- Plug-in, permanently lubricated motor - engineered for continuous operation
- Dynamically balanced centrifugal blower wheel for quiet, efficient performance
- Low RPM for quiet operation
- Resilient anti-vibration motor mounts (QTR080L and QTR110L only)

HOUSING:
- Rugged, 26 gauge, galvanized steel construction
- Polymeric, 4" duct connector with tapered sleeve and no metallic clatter
- 7-5/8" height allows for 2" x 8" (nominal) joist installations
- Sturdy, easy, four-point mounting directly to joist
- Includes unique spacer (patent pending) for mounting to engineered "I" joists
- Includes hanger bars to position housing anywhere between 16" to 24"-on-center joists (Models QTRE080FLT & QTRE110FLT only)
- Two sets of mounting holes for hanger bars allow flush installation with bottom or top of drywall (Models QTRE080FLT & QTRE110FLT only)
- Can be mounted in ceilings up to 12/12 pitch (Models QTRE080FLT & QTRE110FLT only) or 7/12 pitch (Models QTR080L & QTR110L only)

GRILLE:
- Polymeric construction
- Innovative design - the result of extensive research with designers and consumers
- 42W fluorescent lamp* (Models QTRE080FLT & QTRE110FLT only) (bulb included)
- 100W incandescent lamp (Models QTR080L & QTR110L only) (bulb not included)
- 4W night light (all models) (bulb not included)
- Durable steel reflector with white enamel finish

BUILDER PACKS:
- Rough-in housing required - order Broan Model QTXR000HL (4 housings per carton)
  - Includes hanger bars to position housing anywhere between 16" to 24"-on-center joists (4 sets of hangers per carton)
  - Two sets of mounting holes for hanger bars allow flush installation with bottom or top of drywall

CONTROLS (Purchase separately):
- Refer to Broan's catalog for a complete line of accessories to effectively adapt these fans to your construction requirements

U.L. Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit (ceiling mount only).

U.L. Listed for use in insulated ceilings (TYPE I.C.)

California Title 24 compliant (Models QTRE080FLT & QTRE110FLT only)

3-Year Warranty

TYPICAL SPECIFICATION

Ceiling Ventilator shall be Broan Model QTR080L (QTR110L) (QTRE080FLT) (QTRE110FLT).

Ceiling Ventilator shall have corrosion resistant galvanized steel housing with four-point mounting capability. It shall be ducted to a roof or wall cap using 4" round ductwork.

Blower assembly shall be removable, have a centrifugal-type blower wheel and a permanently lubricated motor designed for continuous operation.

Non-metallic damper/duct connector shall be included.

Lamp shall be 42W fluorescent * (Models QTRE080FLT & QTRE110FLT only) or 100W incandescent (Models QTR080L & QTR110L only) with separate 4W night light.

Air delivery shall be no less than 80 (110) CFM and sound level no greater than 0.8 (1.0) (1.3) (1.5) Sones. All air and sound ratings shall be certified by HVI.

Ceiling ventilator shall be Energy Star® qualified and have an energy efficient permanent split capacitor motor (Models QTRE080FLT & QTRE110FLT only).

Ceiling Ventilator shall be U.L. Listed for use in insulated ceilings (Type I.C.) and for use over bathtubs and showers when connected to a GFCI protected branch circuit.

TITLE 24 COMPLIANT

ENERGY STAR

Models QTRE080FLT & QTRE110FLT only.

® 2100 HVI CERTIFIED

UL®

* Use only one of the following 42W fluorescent lamps:

G.E.	F42TBX/835/A/ECO or F42TBX/830/A/ECO or F42TBX/827/A/ECO
PHILIPS	PL-T 42W/35/4P/ALTO or PL-T 42W/30/4P/ALTO or PL-T 42W/27/4P/ALTO
SYLVANIA	CF42DT/E/IN/835 or CF42DT/E/IN/830 or CF42DT/E/IN/827
NEMA Type	CFTR42W/GX24q/835 or CFTR42W/GX24q/830 or CFTR42W/GX24q/827
Broan	99271358

Broan-NuTone LLC Hartford, Wisconsin www.broan.com 800-558-1711

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

PERFORMANCE RATINGS
QTR / QTRE SERIES FAN / LIGHT / NIGHT LIGHTS

HVI PERFORMANCE

Model	Sones @0.1" Ps	CFM @0.1" Ps
QTR080L	1.0	80
QTR110L	1.5	110
QTRE080FLT	0.8	80
QTRE110FLT	1.3	110

HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1 in. static pressure, based on tests conducted in AMCA's state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements.

AMPS

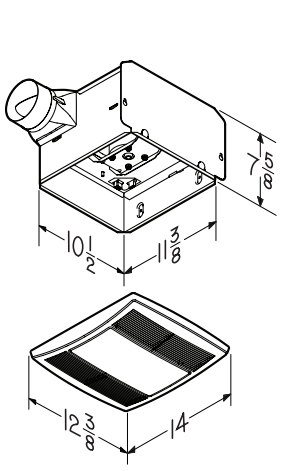
Model	Amps*
QTR080L	1.6
QTR110L	1.8
QTRE080FLT	0.9
QTRE110FLT	1.0

*Total connected load

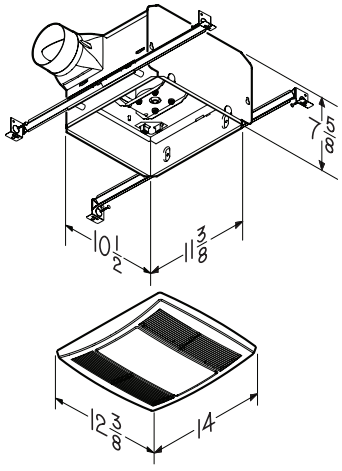
WEIGHT

Model	Shipping Weight
QTR080L	13.8 lbs.
QTR110L	13.8 lbs.
QTRE080FLT	14.2 lbs.
QTRE110FLT	14.8 lbs.

Models QTRE080FLT & QTRE110FLT only.



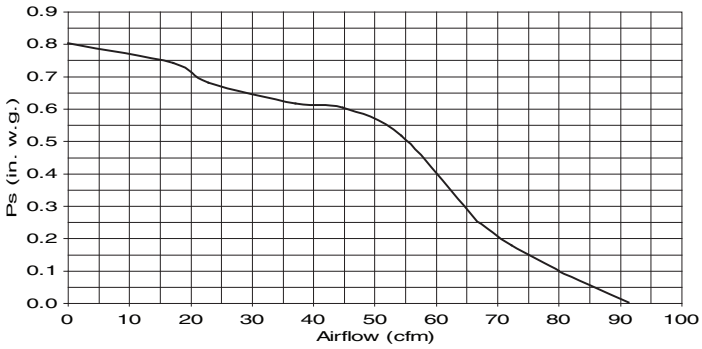
QTR080L
QTR110L



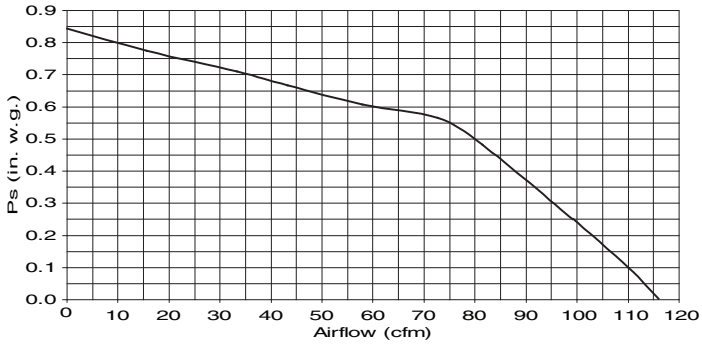
QTRE080FL
QTRE110FL

AIR FLOW PERFORMANCE

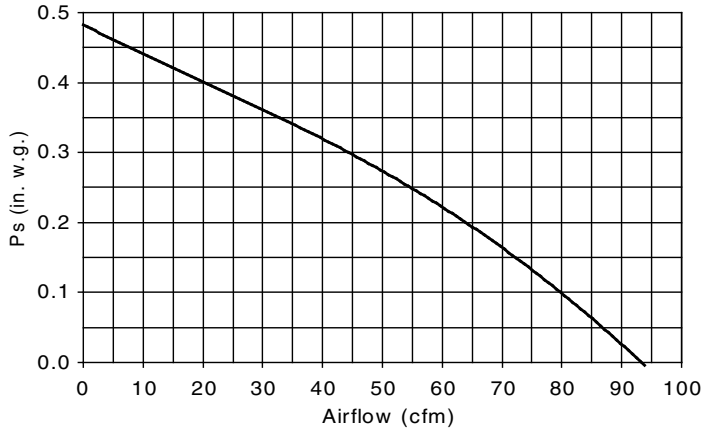
MODEL QTR080L



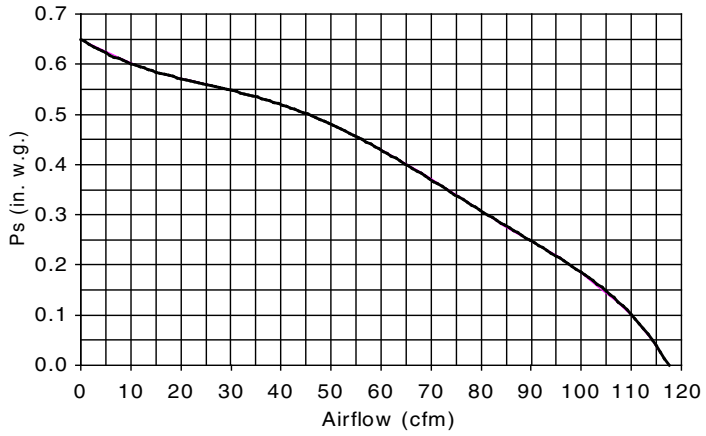
MODEL QTR110L



MODEL QTRE080FLT



MODEL QTRE110FLT



Lowe's Customer Care
1.800.445.6937
Hours of Operation:
Mon - Sat 7am - 11pm EST | Sun: 10am - 7pm EST

Secure Home 180-Degree Motion Sensing Security Light with Bulb Shields - White

Item #: 182199 | Model #:SH-5412-WH-A

★★☆☆☆

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Related Products

Not Yet Rated

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Description | Specifications

Description

180-Degree Motion Sensing Security Light with Bulb Shields - White

- Up to 70 ft. Detection Range with Adjustable Detection Sensitivity
- Powder Coated Finish for Weather Resistance
- Selectable Light Timer (TEST, 1 min, 5 min or 20 min)
- Uses 2 - 120W Maz PAR38 Flood Bulbs - (Not Included)

Specifications

Application	Motion Activated
Number of Lights	1.0
Motion Sensor	Yes
Height (Inches)	13.0
Width (Inches)	17.0
Length (Inches)	8.5
Weight (lbs.)	2.4
Solar Powered	No

Voltage (Volts)	120.0
Timer Included	Yes
Color	White
Maximum Bulb Wattage (Watts)	120.0
UL Safety Listing	Yes
CSA Safety Listing	Yes
ETL Safety Listing	No

PROGRESS LIGHTING

Incandescent

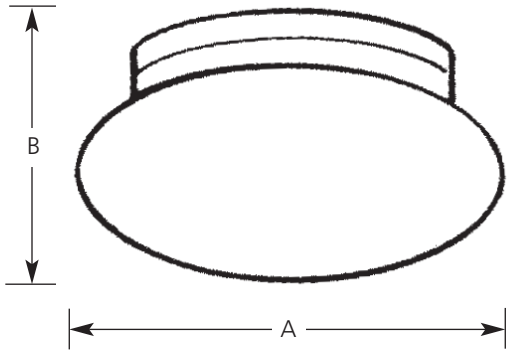
Close-to-Ceiling

Type _____

	-04	-09	-10	-13	-20	-30	-33
P3408	☐	☐	☐	☐	☐	☐	☐

Catalog No.	Finish: Platinum Mist	Brushed Nickel	Polished Brass	Brushed Steel	Lamping	Dimensions (Inches) A	B
P3408	-04	-09	-10	-13	1 (m) 60w	7-1/2	4-3/8

Catalog No.	Antique Bronze	White	Cobble-stone	Lamping	Dimensions (Inches) A	B
P3408	-20	-30	-33	1 (m) 60w	7-1/2	4-3/8



Specifications:

General

- White glass
- (3) installed fitter screws to retain glass
- Brushed Nickel (-09), polished brass (-10), brushed steel (-13), and antique bronze (-20) are plated finishes
- Platinum mist (-04), white (-30), and cobblestone (-33) are painted
- Steel construction

Mounting

- Ceiling mount
- Ceiling pan covers a standard 4" recessed hexagonal outlet box
- Mounting strap for outlet box included
- Keyhole slots for easy mounting

Electrical

- Pre-wired
- Requires 90 degree supply wire connections
- Medium based ceramic sockets, installed

Labeling

- UL-CUL Dry Location listed

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

www.progresslighting.com

Rev. 9/09

Incandescent

White Glass
Quartersphere

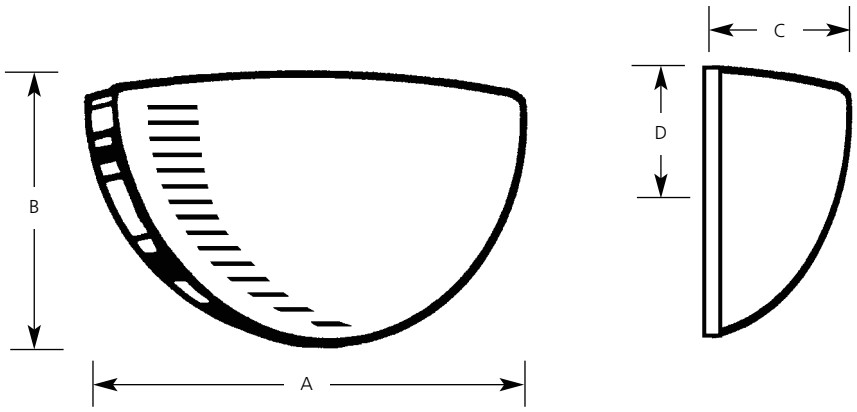
Sconces

Type _____

-30

P7112 ☐

Catalog No.	Finish White	Lamping	Dimensions (Inches) A	B	C	D
P7112	-30	1 (m) 100w	11-1/2	5	5-3/4	2-3/8



Specifications:

General

- White glass quartersphere complete sconce
- White (-30) trim
- Direct-Indirect illumination

Mounting

- Horizontal wall mount
- Full sized backplate covers outlet box
- Mounting strap included for mounting to outlet box

Electrical

- Ceramic medium base socket
- Pre-wired

Labeling

- UL-CUL listed

Progress Lighting
Post Office Box 5704
Spartanburg, South Carolina
29304-5704

www.progresslighting.com

Rev. 8/06

Lowe's Customer Care
1.800.445.6937
Hours of Operation:
Mon - Sat 7am - 11pm EST | Sun: 10am - 7pm EST

Utilitech 48" 4-Light Utility Fluorescent Wrap Light

Item #: 184346 | Model #:184346

★★★☆☆

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Find a store near you for **great selections** at **neighborhood prices**.

Related Products

Not Yet Rated

Not Yet Rated

Not Yet Rated

Description | Specifications

Description

48" 4-Light Utility Fluorescent Wrap Light

- Die-formed, rigid, pre-finished, white steel housing
- Clear prismatic diffuser with linear prisms
- Energy saving electronic ballast
- "Energy Star" save money on your energy bill

Specifications

Utility Fluorescent Type	Wraps	Energy Efficiency	T8
Ballast required	Yes	Length (Inches)	48.0
Number of Bulbs	4.0	UL Safety Listing	Yes
Width (Inches)	13.0	CSA Safety Listing	Yes
Height (Inches)	4.0	ETL Safety Listing	Yes

LEVITON

decora®

Manual-ON Occupancy Sensor

APPLICATIONS

Leviton's Cat No. IPP15-1L Decora® Manual-ON Occupancy Sensor acts like a standard wall switch and complies with the California Title 24 Residential Lighting Standards for 2005. It has the added energy savings benefit that if you forget to turn the lights OFF, the lights will turn OFF automatically if motion is not detected within the coverage area. The Manual-ON Occupancy Sensor can be used in a variety of residential applications including:

Bathrooms	Basements	Bedrooms
Garages	Utility/Laundry Rooms	Dining Rooms
Hallways	Living/Family Rooms	Kitchens

The unit installs in place of a single pole or 3-way wall switch and fits in a standard wallbox. The unit can be used for switching incandescent, fluorescent and electronic or magnetic low voltage lighting with ballasts.

IPP15-1L

GENERAL OPERATION

The IPP15-1L uses passive infrared (PIR) detection technology to monitor a room for occupancy through a segmented Fresnel lens. This specialized lens divides the field of view into sensor zones. After the switch is manually turned ON, when a person passes into a sensor zone, the sensor detects motion and keeps the lights ON. The lights will remain ON as long as there is an occupant moving through the sensor zones.

A delayed-OFF time adjustment prevents the lights from switching OFF when the space is occupied. In order to keep the lights ON, a person must pass through a sensor zone at least once during the selected delayed-OFF time interval. An LED indicator blinks each time the unit detects activity in the sensor zone. When the sensor's monitored space is unoccupied for the delayed-OFF interval, the unit will switch the lights OFF. If motion is detected within 30 seconds after the lights have turned OFF, the lights will turn back ON. If no motion is detected within 30 seconds, the lights will remain OFF and must be turned back ON manually.

To ensure longer service life and compatibility with electronic ballasts, the device carefully times its switching contact opening and closing with the zero crossing point of the AC power curve. This minimizes contact wear caused by in-rush currents from electronic ballasts.

MANUAL-ON OPERATION

The unit will not turn lights ON automatically when motion is detected. Lights can only be turned ON by manually pressing the push-button. The lights will remain ON as long as the unit detects activity in the sensor zones.

AUTO/MANUAL-OFF OPERATION

The IPP15-1L will turn the lights OFF automatically after the space becomes vacant and the delayed-OFF time expires. Lights also can be turned OFF manually at any time by pressing the push-button.

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201 North Service Road, Melville, NY 11747 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com
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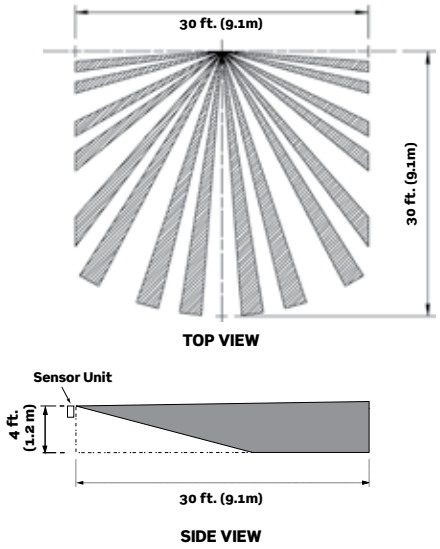
Multi-Location Control
The IPP15 has true 3-way and multi-location control capabilities. When used with the IPP0R, Matching Sensor Remote, these devices are ideal for conveniently controlling lighting with 2 or more entrances or in large or L-shaped rooms where detection capabilities with a single sensor is typically inadequate. The IPP15 can also be used with the Vizia +® Switch Remote, VP0SR, where a single sensor provides adequate detection coverage. And the IPP0R, Matching Sensor Remote, can also be paired with any Vizia + dimmer to afford the combined benefits of energy efficiency and lighting control comfort.

Field of View
The IPP15-1L and IPP0R provide a 180° field of view with a maximum coverage area of approximately 900 square feet. The maximum sensing distance in front of the sensor is 30 feet and at each side is 15 feet. A "minor-motion" zone detects relatively small body movements and allows the lights to stay ON even though a person may not be moving or walking around the room. The remainder of the field of view, the "major-motion" zone, exhibits a lesser degree of sensitivity and requires larger movements.



FEATURES AND BENEFITS

- Manual-ON/Automatic-OFF operation in accordance with California Title 24 2005 requirements
- Low-profile design eliminates an obtrusive "scanning-device" look. Elegant Decora styling complements any interior and coordinates with Leviton's popular line of Decora wiring devices
- IPP15 provides a true 3-way feature when used with the IPP0R, Manual-ON Occupancy Sensor Remote or the VP0SR, Vizia + Switch Remote
- 180° field-of-view provides approximately 900 square feet of coverage suitable for bathrooms, basements, garages, utility rooms, and a variety of other residential areas
- Convenient push-button provides Manual ON/OFF light switching at any time
- Segmented Fresnel lens provides optimum sensitivity and performance. It is designed with an extensive "minor motion" area where even slight body movements will be detected
- Horizontal field of view may be adjusted between 180° and 32° of arc by using integral blinders located on either side of the lens
- Four optional manual adjustments for delayed-OFF time settings maximize energy savings: 30 seconds (for walk test), 5 minutes, 15 minutes and 30 minutes
- LED indicator light flashes when sensor detects motion to verify detection is active
- Unit can be used for 120V lighting. Compatible with both electronic and magnetic ballasts
- Relay switches at the zero crossing point of the AC power curve to ensure maximum contact life and compatibility with electronic ballasts
- Fits in standard wallbox. Gangable with other units
- Requires a neutral (white) wire connection

SPECIFICATIONS

The device listed herein shall be a Decora® Manual-ON Occupancy Sensor, capable of detecting infrared emissions from human presence and responding by keeping incandescent, low-voltage, and fluorescent lighting loads ON. If this unit does not detect movement after a preset period of time, it will respond by switching its assigned load OFF. The unit shall switch at the zero crossing point of the AC power curve to ensure maximum relay contact life and compatibility with electronic ballasts.

The Manual-ON Occupancy Sensor shall be equipped with a push-button to provide Manual ON/OFF switching in accordance with California Title 24 requirements. The Sensor shall feature adjustable delayed-OFF time as well as provide sensitivity adjustment and integral sliding blinders to customize the horizontal field of view. The unit shall be capable of providing optional Manual-ON/Automatic-OFF operation. If motion is detected within 30 seconds after the load has been turned OFF due to the absence of motion, the lights will turn back ON. If 30 seconds expires, the lights (load) must be turned ON manually. The unit shall be capable of controlling the load in single pole, 3-way or more applications.

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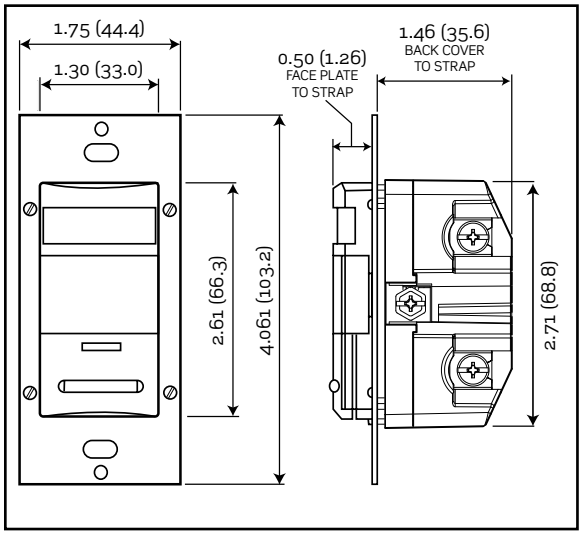
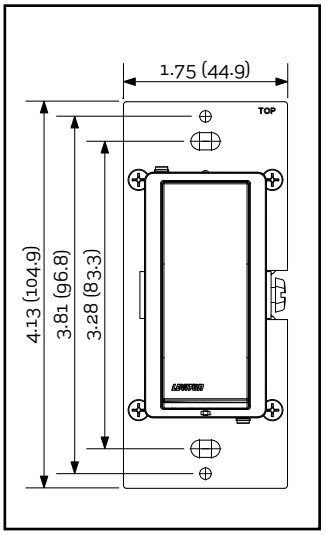
TYPICAL SPECIFICATIONS

- Operating Temperature Range: 0°C to 50°C
- Storage Temperature Range: -10°C to 85°C
- Relative Humidity: 20% to 90% non-condensing
- Terminations: Line–Black, Load–Red, Neutral–White, Traveler–Yellow, Ground–Green

DIMENSIONAL DRAWINGS

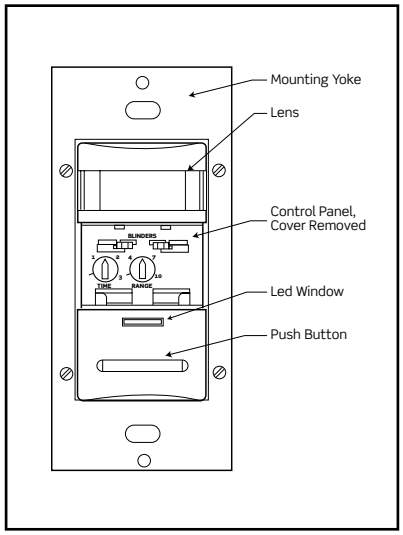


IPP15-1L/IPP0R



VP0SR

USER INTERFACE



AGENCY STANDARDS AND COMPLIANCE

- UL Listed (File #E-118904)
- CSA Certified (File #LR-91148M)
- California Title 24 2005 Energy Code Compliant

INSTALLATION CONSIDERATIONS

The IPP15 can be used as a single pole device or in a 3-way application with an IPP0R, Matching Sensor Remote or a VP0SR, Vizia + Switch Remote. These devices require a neutral white wire and mount in a standard wallbox. The unit's integral blinders may be used to restrict the field of view to prevent unwanted detection of hallway traffic. Occupancy Sensors should be positioned at least 6 feet away from HVAC registers. Obstructions such as furniture, windows, glass shower doors, etc., may prevent the sensor from detecting motion.

Note: When the unit is powered up, it will take approximately one minute to begin normal operation.

WARRANTY INFORMATION

Five-year limited warranty

PROGRAMMING

The IPP15-1L and IPP0R will deliver optimum performance in a wide variety of residential applications. There are adjustment options for sensitivity, delayed-OFF time, and field-of-view. These adjustment options will customize the performance to meet the needs of a specific installation. To avoid tampering, all adjustments must be accessed by removing the control panel cover beneath the wallplate. A small flat-head screwdriver can be used to adjust the control knobs. The field-of-view blinders are finger-tip operated. Controls are labeled as follows:

Blinders

Integral sliding blinders on each side of the lens may be used to restrict the 180° field of view down to 32°. This will prevent unwanted detection in areas such as hallways.

Time

The delayed-OFF default time is preset at 30 minutes. A choice of four delayed-OFF time settings is available: 30-seconds (for walk test purposes only), 5 minutes, 15 minutes, and 30 minutes.

Range

The range can be adjusted from 100% to 36% of the total coverage area. This allows the unit to ignore motion at the far end of its range and avoid keeping the lights ON unnecessarily.

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LEVITON®

Decora® Manual-ON Occupancy Sensor IPP15-1L

WIRING DIAGRAMS

Diagram #1
Single Pole

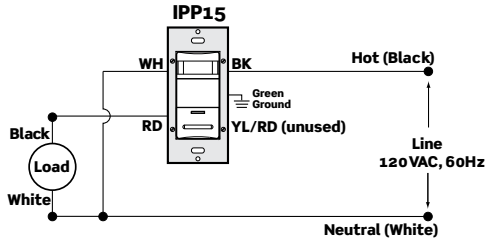
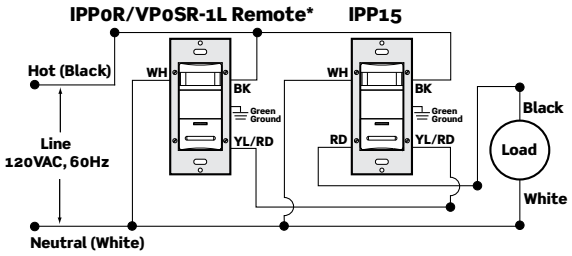


Diagram #2
3-Way with Sensor Remote or Vizia + Matching Switch Remote



** Sensor remote depicted in diagram*

Diagram #3
3-Way with Vizia + Coordinating Switch Remote

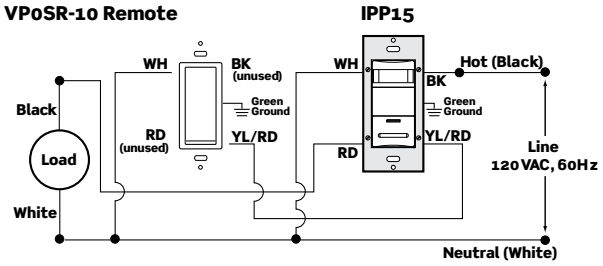
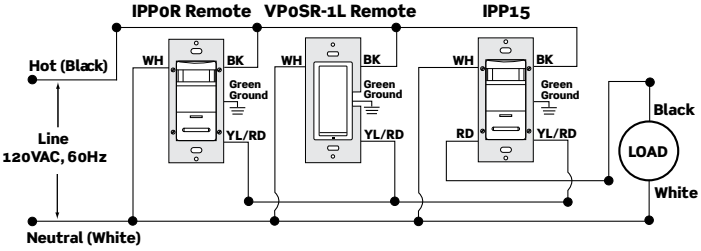


Diagram #4
Multi-Location Control



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	RATING	COLOR
IPP15-1L*	Decora Manual-ON Occupancy Sensor for Single Pole, 3-Way or More Applications, 180° Field of View, 900 sq. ft., Neutral Required.	15A-120VAC	W, I, T, E
IPP0R-1L	Decora Manual-ON Occupancy Sensor Remote Unit for 3-Way or More Applications, 180° Field of View, 900 sq. ft., Neutral Required.	No Load Rating – 120 VAC	W, I, T
VP0SR-1L	Vizia + Matching Switch Remote for 3-Way or up to 5 Locations, with LED Locator, Neutral Required.	No Load Rating – 120 VAC	Z
VP0SR-10	Vizia + Coordinating Switch Remote for 3-Way or up to 5 Locations, with LED Locator, Neutral Required.	VP0SR-10 No Load Rating – 120 VAC	Z

To order colors, add suffix to basic Cat. No.: White (-W), Ivory (-I), Light Almond (-T), Black (-E).
Some products come packaged with 3 colors. Products with suffix (-Z) include White, Ivory and Light Almond.

* NAFTA Compliant models available. For more information visit www.leviton.com/nafta

Leviton Manufacturing Co., Inc.
201 North Service Road, Melville, NY 11747-3138
Telephone: 1-800-323-8920 • Fax: 1-800-832-9538 • Tech Line: (8:30AM-7:00PM E.T. Monday-Friday): 1-800-824-3005

Leviton Manufacturing of Canada, Ltd.
165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 • Telephone: 1-800-469-7890 • Fax: 1-800-563-1853

Leviton S. de R.L. de C.V.
Lago Tana 43, Mexico DF, Mexico CP 11290 • Tel. (+52) 55-5082-1040 • Fax. (+52) 5386-1797 • www.leviton.com.mx

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ISO 9001 REGISTERED Quality Manufacturer

FRIGIDAIRE
frigidaire.com

Frigidaire 30" Electric Cooktop

Model: FFEC3024LB
30-3/4" W x 3" H x 21-3/8" D
MSRP $599.00

Black

Specifications

Product Code: FFEC3024LB
Product Type: Cooktop
Power Type: Electric
Size: 30"
Installation Type: Drop-In
UPC Code: 0-57112-99021-7
Color: Black

Certifications & Approvals

Agency Approval: UL/CSA

Cooking Controls

Console Location: Right Side

Cooktop Specifications

Cooking Surface: Black Ceramic Glass
Right Front: 9" - 2,500 Watts
Right Rear: 6" - 1,200 Watts
Left Front: 6" - 1,200 Watts
Left Rear: 9" - 2,500 Watts
Knob Type: Plastic
Hot-Surface Indicator Light: Yes

Exterior Dimensions

Height: 3"
Width: 30-3/4"
Depth: 21-3/8"

Electrical Specifications

Power Supply Connection Location: Right Rear
Voltage Rating: 240V / 208V, 60Hz

Connected Load (kW Rating) @ 240V: 7.4 / 5.6
Amps @ 240 Volts: 30.8 / 26.9
Minimum Circuit Required (Amps): 30A

Installation

Approved for Single Oven Combo Installation: Yes

General Specifications

Product Weight (lbs): 40
Shipping Weight (lbs): 45

Cut-Out Dimensions

Cut-Out Height: 5"
Cut-Out Width: 29-5/8" - 29-7/8"
Cut-Out Depth: 20-1/4" - 20-1/2"

Features

Ready-Select® Controls

Select options or control cooking temperature with our easy to use controls.

Color-Coordinated Control Knobs

White, Black and Bisque cooktops come with matching knobs — while Stainless Steel models feature our neutral black knobs.

Hot Surface Indicator

Alerts you when your cooktop may be too warm to touch.

"On" Indicator

Alerts you when your cooktop is on.

RHEEM SOLAR WATER HEATING SYSTEMS

SOLAR SOLUTIONS

High Efficiency, Low Energy Costs from Rheem

Solar water heaters
from Rheem

Rheem®

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It's Rheem®

Eco-Friendly

energy
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ENERGY STAR

SOLPAK™ *ACTIVE SOLAR WATER HEATING PACKAGE SYSTEM*

Available in 80 and 119 Gallon Capacities

- **6-Year Limited Tank Warranty***
- **10-Year Limited Collector Warranty****
- **2-Year Limited Pump and Control Warranty****

The System

- Closed loop glycol design
- Single and double collector systems
- Included: Solaraide™ HE tank, collectors, controller, adjustable pump, mixing valve, glycol solution, thermal expansion tank (for glycol loop)
- Sold separately: 18 AGW sensor wire, tilt mount kits(consult factory for mounting options)
- OG-300 Certification by SRCC (Pending on RS80-40BP model)

*See Residential Warranty Certificate for complete information.
**See SolPak Warranty Certificate for complete system information.

The Heat Exchanger Tank

- All models have at least 40 gallons of hot water storage at all times
- Double wall heat exchanger – copper tubing wrap-around design
- Single element backup heating source
- 3/4" Water and collector loop connections

The Collectors

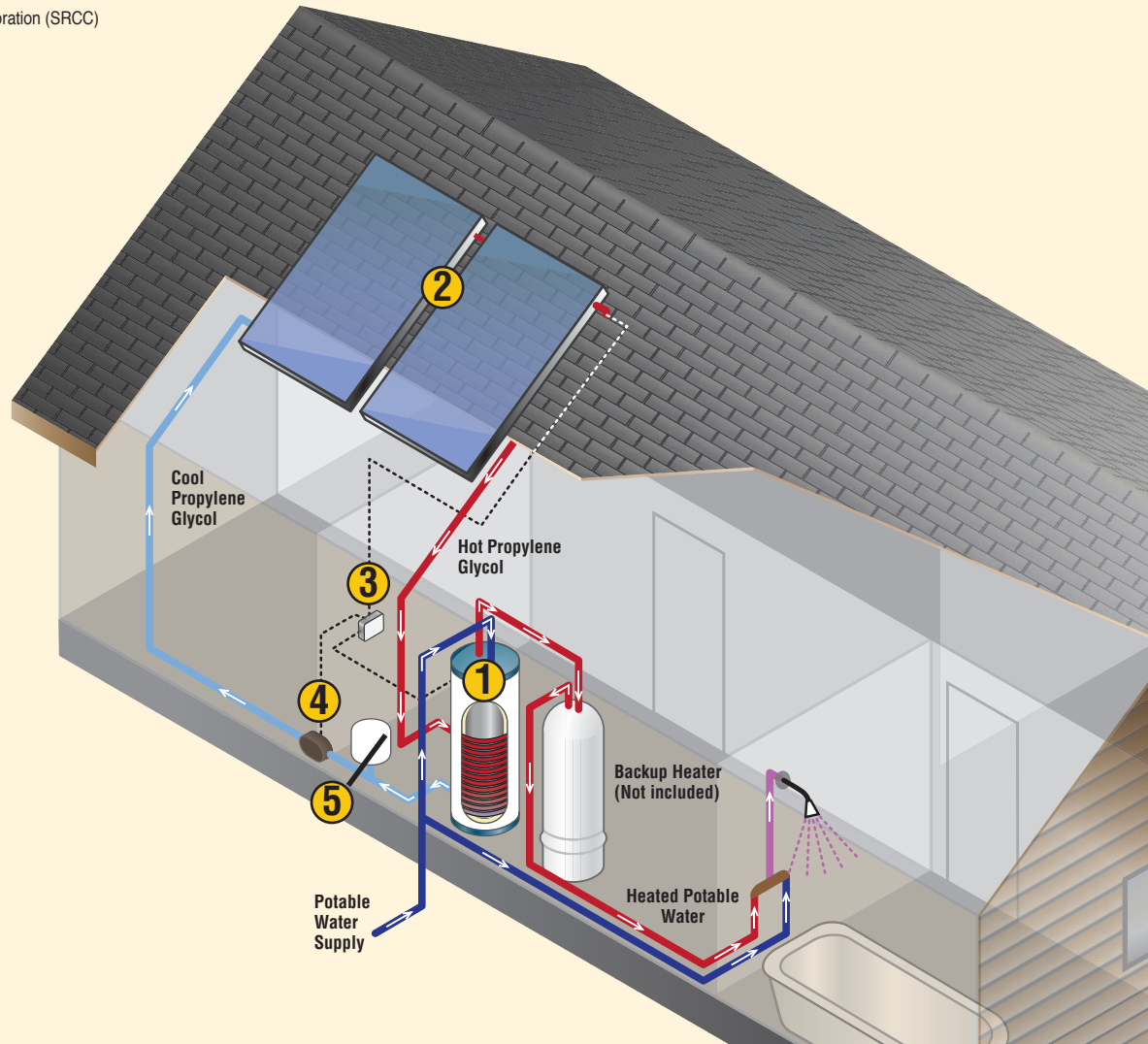
- Flat plate design
- Black paint absorber coating
- OG-100 certified by SRCC

OG-300 Certified by SRCC

SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFORMATION			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	ELEMENT WATTAGE
80	RS80-40BP	2.4	1	Black Paint	48-1/8	122-1/4	3-1/4	40.81	141	1.2	1.04	12	160	58-3/4	24-1/2	222	4500 W
80	RS80-48BP	2.6	2	Black Paint	36-1/8	98-1/4	3-1/4	24.61	80	.78	0.62	12	160	58-3/4	24-1/2	222	4500 W
119	RS120-64BP	3.2	2	Black Paint	48-1/8	98-1/4	3-1/4	32.79	106	1.0	0.83	12	160	62	28-1/4	380	4500 W

*As rated by the Solar Rating & Certification Corporation (SRCC)

1. Heat Exchanger Tank
2. Collectors
3. Controller
4. Multi-Speed Pump
5. Thermal Expansion Tank



SOLPAK™ *ACTIVE SOLAR WATER HEATING SYSTEMS FEATURING A GAS ASSIST HEAT EXCHANGE TANK*

Available in 75 Gallon Capacity

- **6-Year Limited Tank Warranty***
- **10-Year Limited Collector Warranty****
- **2-Year Limited Pump and Control Warranty****

The System – *a Single Tank Solar Solution!*

- Takes up less space
- Drop in replacement for current gas water heating system
- Fast recovery for high demand situations
- Closed loop glycol design
- Included: HE tank, collectors, controller, multi-speed pump, mixing valve, glycol solution, thermal expansion tank (for glycol loop)
- Sold separately: 18 AGW sensor wire, tilt mount kits (consult factory for mounting options)
- OG-300 Certification by SRCC (Pending)

The Heat Exchanger Tank

- FVIR compliant
- 75 Gallon capacity
- 75.1 BTU input per hour (natural gas)
- Double wall heat exchanger – copper tubing wrap-around design
- Gas backup heating source
- 3/4" Water and collector loop connections

The Collectors

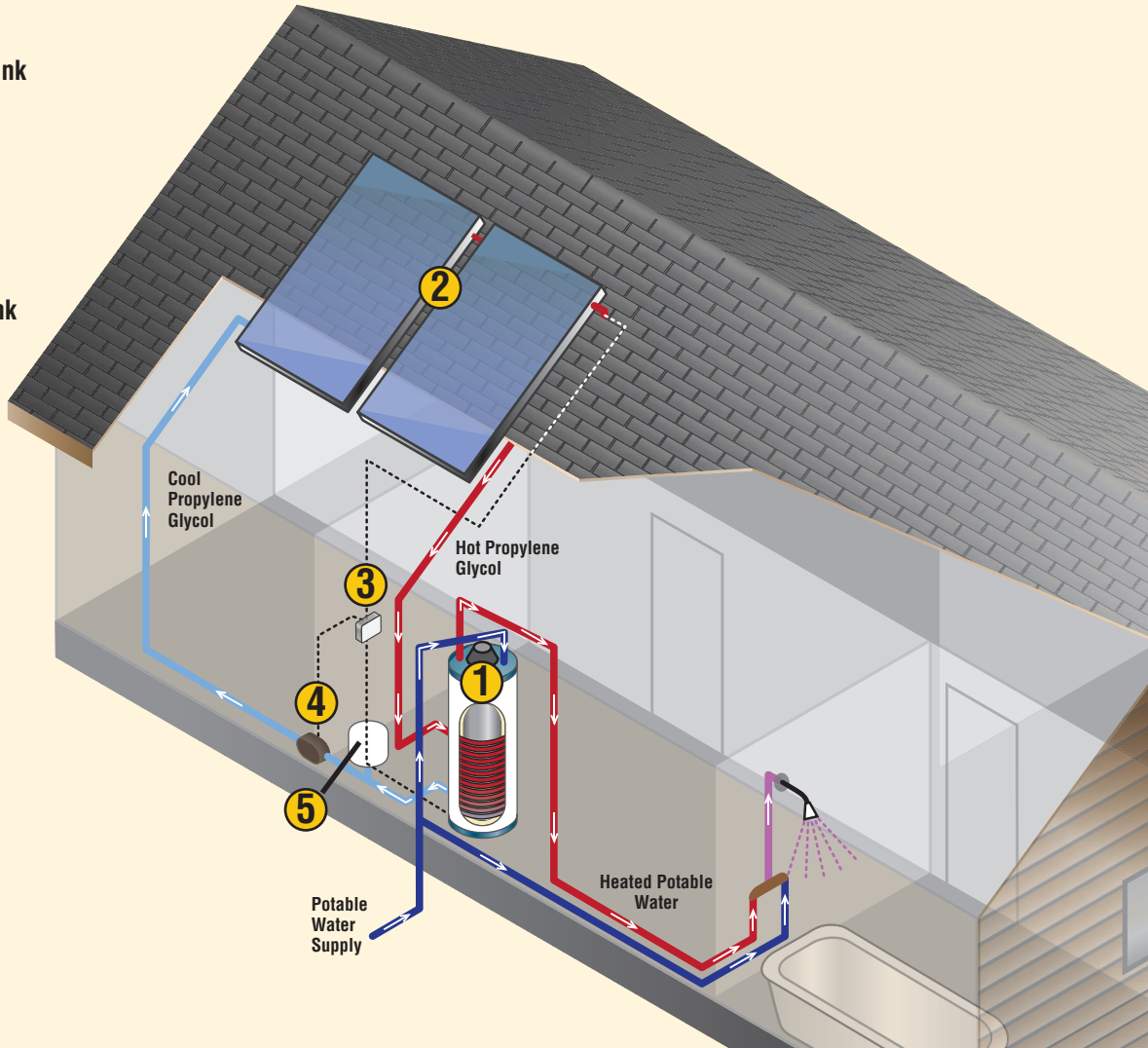
- 3' x 8' and 4' x 10'
- Flat plate design
- Black paint absorber coating
- OG-100 certified by SRCC

*See Residential Warranty Certificate for complete information.
**See SolPak Warranty Certificate for complete system information.

SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFORMATION			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	BTU INPUT
75	RSG75-48BP	–	2	Black Paint	36-1/8	98-1/4	3-1/4	24.61	80	.78	0.62	12	150	60	26-1/4	340	75.1
75	RSG75-40BP	–	1	Black Paint	40-1/8	122-1/4	3-1/4	40.81	141	1.20	1.04	12	160	60	26-1/4	340	75.1

*As rated by the Solar Rating & Certification Corporation (SRCC)

1. Gas Heat Exchanger Tank
2. Collectors
3. Controller
4. Multi-Speed Pump
5. Thermal Expansion Tank



SOLPAK™ OPEN LOOP *ACTIVE SOLAR WATER HEATING PACKAGE SYSTEM*

Available in 80 and 119 Gallon Capacities

- **6-Year Limited Tank Warranty***
- **10-Year Limited Collector Warranty****
- **2-Year Limited Pump and Control Warranty****

The System

- Open loop design
- Not suitable for freezing climates
- Single and double collector systems
- Included: Solaraide™ storage tank, collectors, controller, multi-speed pump, mixing valve, freeze protection value, air release valve, check valve
- Sold separately: 18 AGW sensor wire, tilt mount kits (consult factory for mounting options)
- OG-300 Certification by SRCC (Pending)

The Universal Tank

- Flexibility to install in either a side or top connection application
- Single element back-up heating source
- 3/4" water and collector loop connections

The Collectors

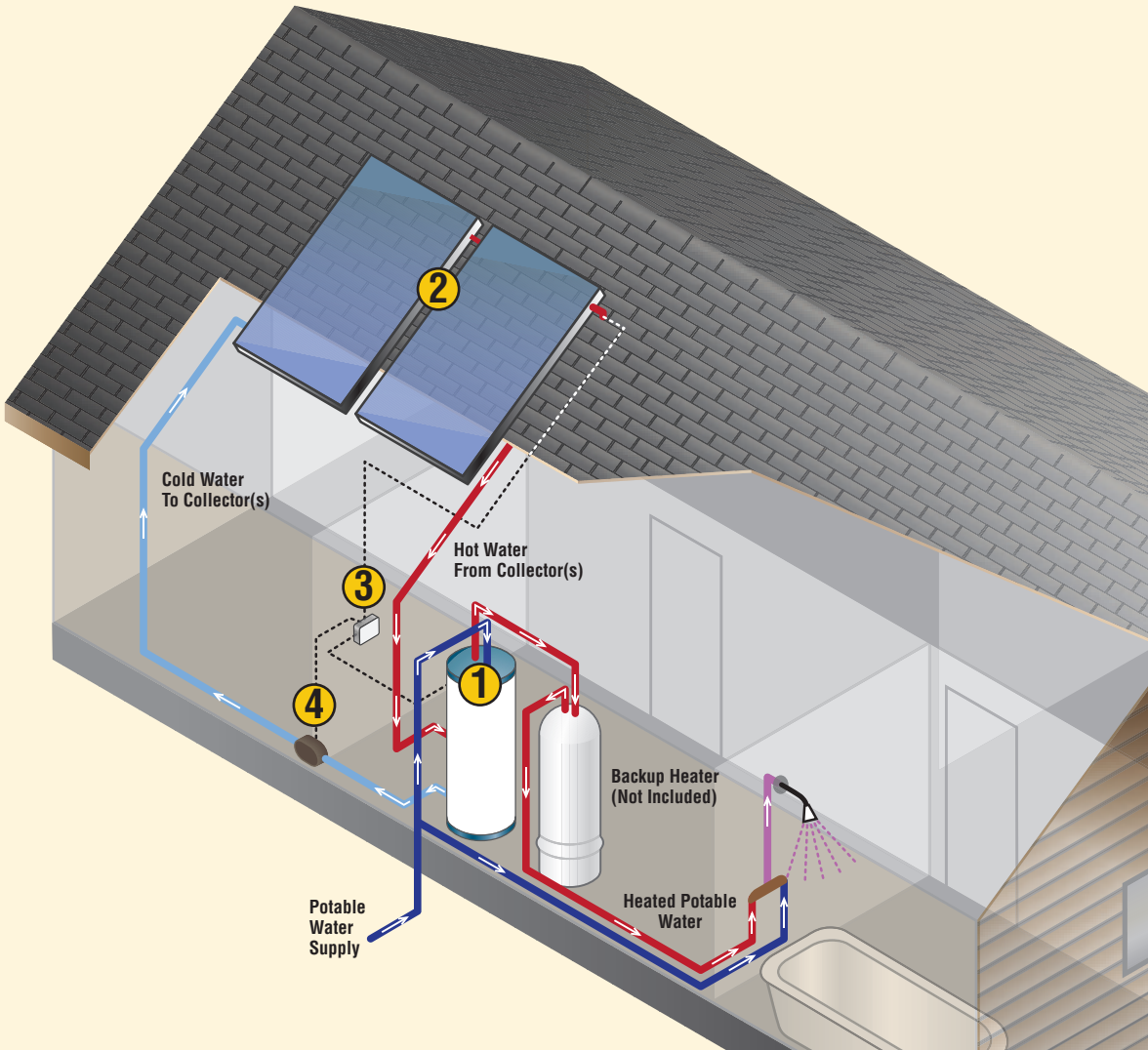
- Two sizes: 4' x 8' and 4' x 10'
- Flat plate design
- Black paint absorber coating
- OG-100 certified by SRCC

*See Residential Warranty Certificate for complete information.
**See SolPak Warranty Certificate for complete system information.

SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFORMATION			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	ELEMENT WATTAGE
80	RSO80-40BP	2.3	1	Black Paint	48-1/8	98-1/4	3-1/4	40.81	150	1.2	1.04	25	160	58-3/4	24-1/2	192	4500 W
119	RSO120-64BP	1.8	2	Black Paint	122-1/4	98-1/4	3-1/4	32.79	106	1.0	0.83	12	150	62	28-1/4	336	4500 W

*As rated by the Solar Rating & Certification Corporation (SRCC)

1. Solar Storage Tank
2. Collectors
3. Controller
4. Multi-Speed Pump



SOLPAK™ *ACTIVE SOLAR WATER HEATING SYSTEM FEATURING MARATHON® TANKS*

Available in 85 and 105 Gallon Capacities

Lifetime Limited Tank Warranty* **10-Year Limited Collector Warranty****
5-Year Limited Tank Parts Warranty* **2-Year Pump Controller Warranty****

The System
- Closed loop glycol system
- Double collector systems
- Included: Marathon tank, collectors, pump controller, mixing valve, glycol solution (3 gallons), thermal expansion tank (for glycol loop) and more
- Sold separately: 18 AGW sensor wire, tilt mounting kits (consult factory for mounting options)

The Tank
- Strong, polybutene material built to last as long as the solar system
- Unique, corrosion resistant design will never rust
- Lightweight and easy to install
- Electrical element backup heating source

The Pump Controller
- Combines a variable speed solar temperature control, collector circulator, storage tank circulator and heat exchanger in a single unit
- Digital display with energy monitoring
- Flexible, programmable inputs/outputs

The Collectors
- Two sizes: 3'x8' and 4'x8'
- Flat plate design
- Black paint absorber coating
- OG-100 certified by SRCC

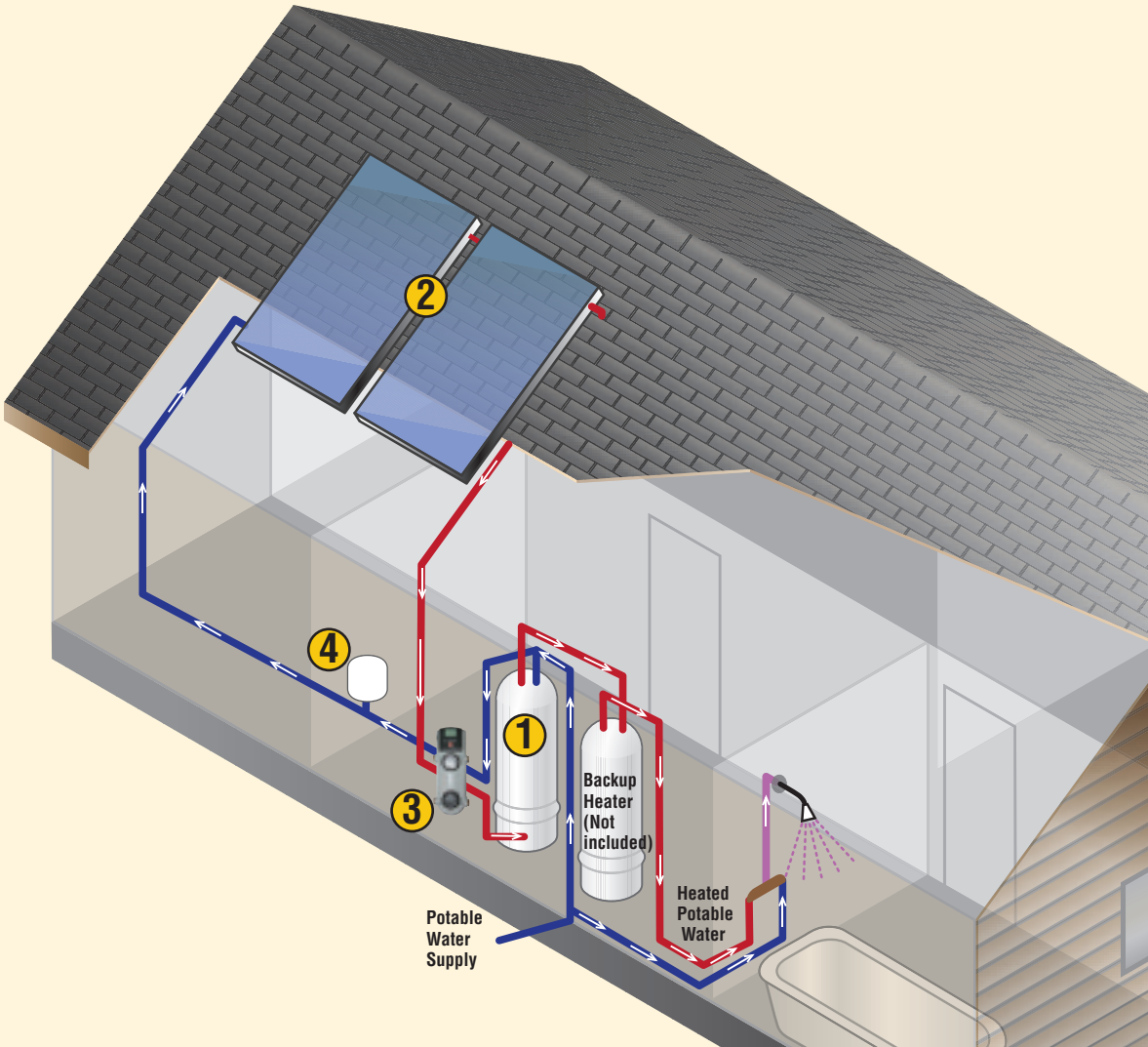
*See Residential Warranty Certificate for complete information.
**See Solar Marathon Warranty Certificate for complete details.

SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFORMATION**			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	ELEMENT WATTAGE
85	RHSME85-48P	*	2	Black Paint	36-1/8	98-1/4	3-1/4	24.61	80	.78	0.62	12	150	66-1/4	28-1/4	134	4500 W
105	RHSME105-64P	*	2	Black Paint	48-1/8	98-1/4	3-1/4	32.79	106	1.0	0.83	12	150	66-3/4	30-1/4	152	4500 W

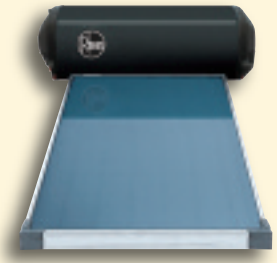
*As rated by the Solar Rating & Certification Corporation (SRCC)

**240V AC

1. Storage Tank
2. Collectors
3. Solar Control System
4. Thermal Expansion Tank



SOLARAIDE™ *PASSIVE WATER HEATING SYSTEM*



47 Gallon system includes a single collector panel for homes with 1-1/2 baths

80 Gallon system includes two collector panels for homes with 2 or 3 baths

Available in 47 and 80 Gallon Storage Capacities

5-Year Limited Tank, Collector and Parts Warranty*

The System

- Passive design, requires no pumps or controllers
- Available in two system configurations: RS47-21BP, 47 gallon storage capacity and RS80-42BP, 80 gallon storage capacity
- Complete system includes tank, collector(s), installation kit, and heat transfer fluid
- Closed loop, indirect heat exchange
- OG-300 Certification by SRCC

The Tank

- Single wall external heat exchanger completely surrounds storage tank
- Rugged steel tank with vitreous enamel tank lining
- Immersion, copper sheath backup element

The Collector

- Black polyester powdercoat collector absorber coating
- 35 multi-flow risers for faster heat transfer
- OG-100 certified by SRCC
- Flat plate design

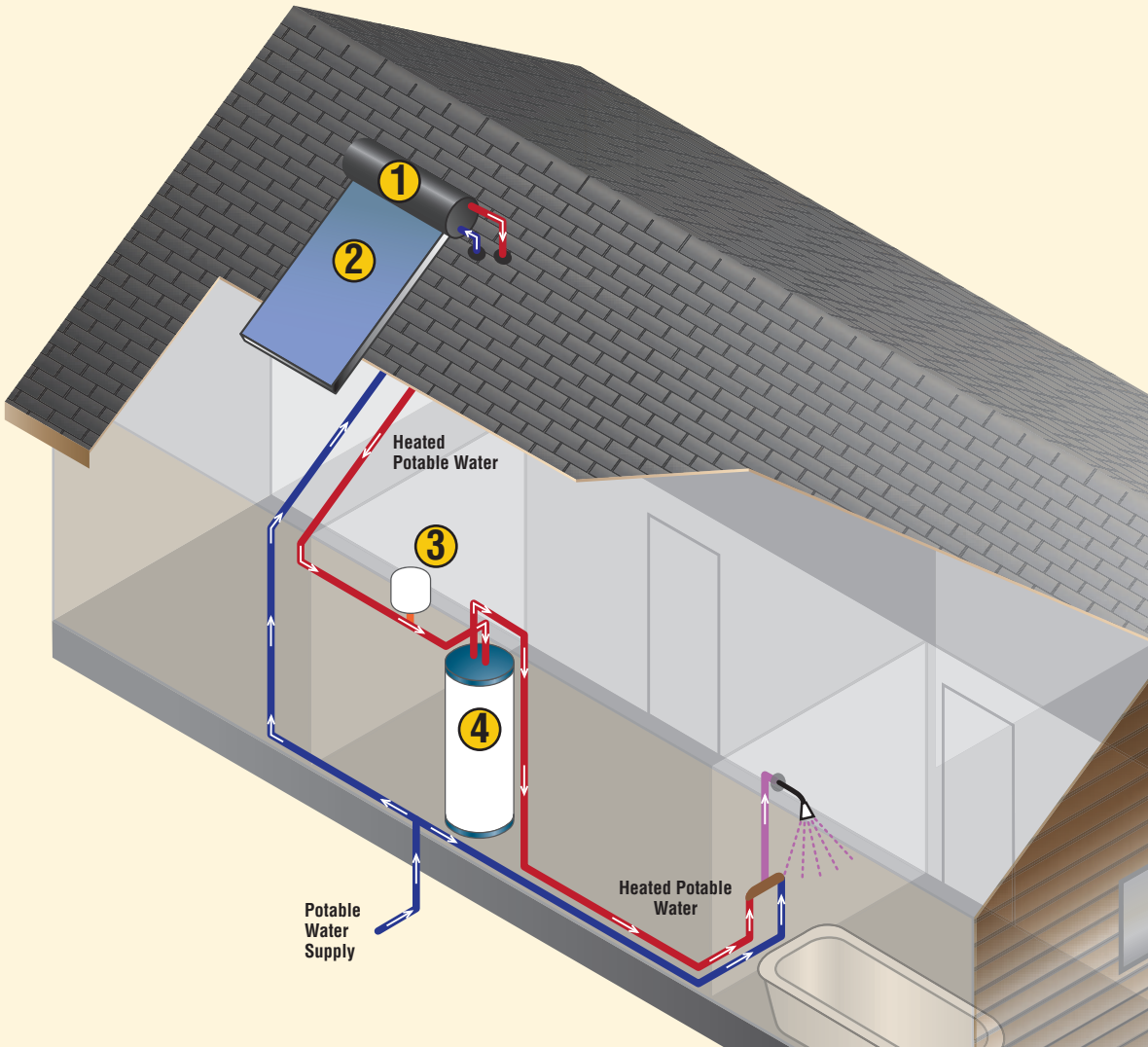
*See Residential Warranty Certificate for complete information.

OG-300 Certified by SRCC

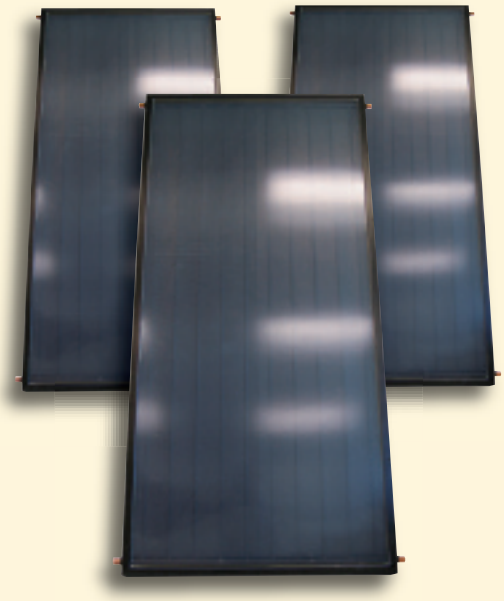
DESCRIPTION							ROUGHING IN DIMENSIONS					
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	WORKING PRESSURE (TANK)	DELIVERY CAPACITY (SOLAR)	BACKUP ELEMENT SPECIFICATIONS	SYSTEM (IN INCHES)		TANK (IN INCHES)	COLLECTOR (IN INCHES)	APPROX. SYSTEM WEIGHT	
							LENGTH	WIDTH			EMPTY	FULL
47	RS47-21BP	1.3	1	145 PSI	42.3 GAL.	2.4kw, 240V	97-1/2	58-1/2	58.5 x 20.1 x 20.1	76.3 x 40.3 x 3.04	236 LBS.	641 LBS.
80	RS80-42BP	1.5	2	145 PSI	68 GAL.	2.4kw, 240V	97-1/2	91	90.9 x 20.1 x 20.1	76.3 x 40.3 x 3.04	402 LBS.	1,079 LBS.

*As rated by the Solar Rating & Certification Corporation (SRCC)

1. Thermosiphon Heat Exchanger Tank
2. Collector
3. Thermal Expansion Tank
4. Existing or Backup Water Heater (Not Included)



SOLAR COLLECTORS



Available in 3 Sizes

10-Year Limited Collector Warranty*

- OG-100 certified by SRCC
- Durable low iron tempered glass
- Integral mounting channel for easy installation
- Stainless steel fasteners
- Suitable for open and closed loop systems
- Copper absorber plate
- Can be mounted horizontally or vertically

* See Warranty Certificate for complete information.

MODEL NUMBER	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT.	DRY WEIGHT (LBS.)	FLUID CAPACITY	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX OPERATING PRESSURE
RS24-BP	Black Paint	36-1/8	98-1/4	3-1/4	24.61	80	0.78	0.62	12	160
RS32-BP	Black Paint	48-1/8	98-1/4	3-1/4	32.79	106	1	0.83	12	160
RS40-BP	Black Paint	48-1/8	122-1/4	3-1/4	40.81	141	1.2	1.04	12	160
RS24-BC	Black Chrome	36-1/8	98-1/4	3-1/4	24.61	80	0.78	0.62	12	160
RS32-BC	Black Chrome	48-1/8	98-1/4	3-1/4	32.79	106	1	0.83	12	160
RS40-BC	Black Chrome	48-1/8	122-1/4	3-1/4	40.81	141	1.2	1.04	12	160

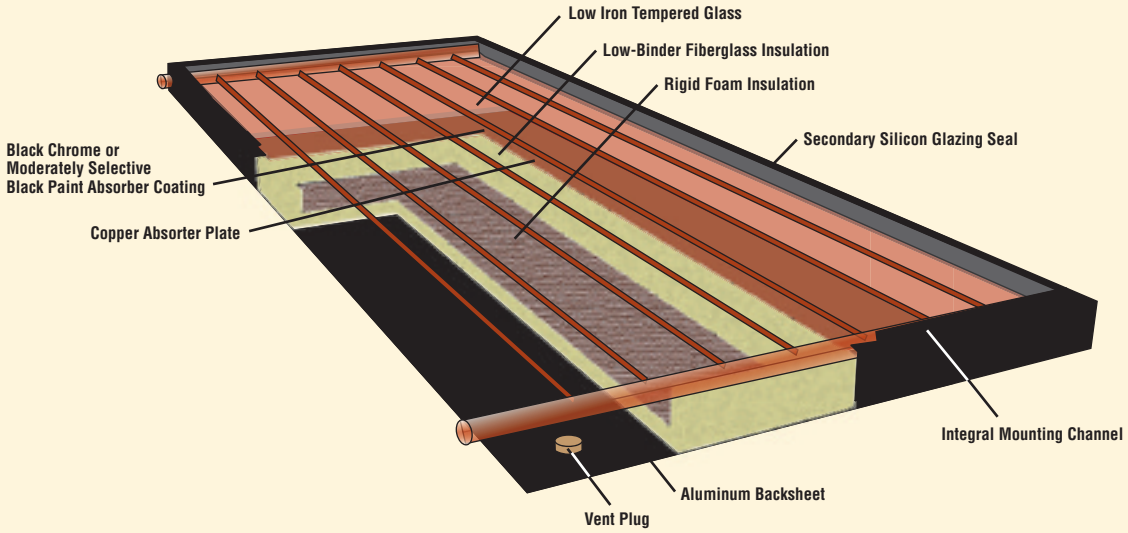
THERMAL PERFORMANCE RATINGS* BP SERIES

Btu / ft² / Day			
Category (Ti-Ta) Ti = inlet fluid temp. Ta = ambient air temp.	CLEAR DAY 2000 Btu / ft² / Day	MILDLY CLOUDY DAY 1500 Btu / ft² / Day	CLOUDY DAY 1000 Btu / ft² / Day
A(-9°F)	1,284	971	659
B(9°F)	1,169	854	542
C(36°F)	984	677	372
D(90°F)	619	343	89
E(144°F)	280	62	–

THERMAL PERFORMANCE RATINGS* BC SERIES

Btu / ft² / Day			
Category (Ti-Ta) Ti = inlet fluid temp. Ta = ambient air temp.	CLEAR DAY 2000 Btu / ft² / Day	MILDLY CLOUDY DAY 1500 Btu / ft² / Day	CLOUDY DAY 1000 Btu / ft² / Day
A(-9°F)	1,332	1,005	680
B(9°F)	1,218	890	565
C(36°F)	1,040	720	402
D(90°F)	699	405	127
E(144°F)	390	137	–

Thermal performance is obtained by multiplying the collector output for the appropriate application and insolation level by the total gross collector area.
*Collector ratings are derived from the Solar Rating & Certification Corp (SRCC) Document RM-1 and Standard OG-100.



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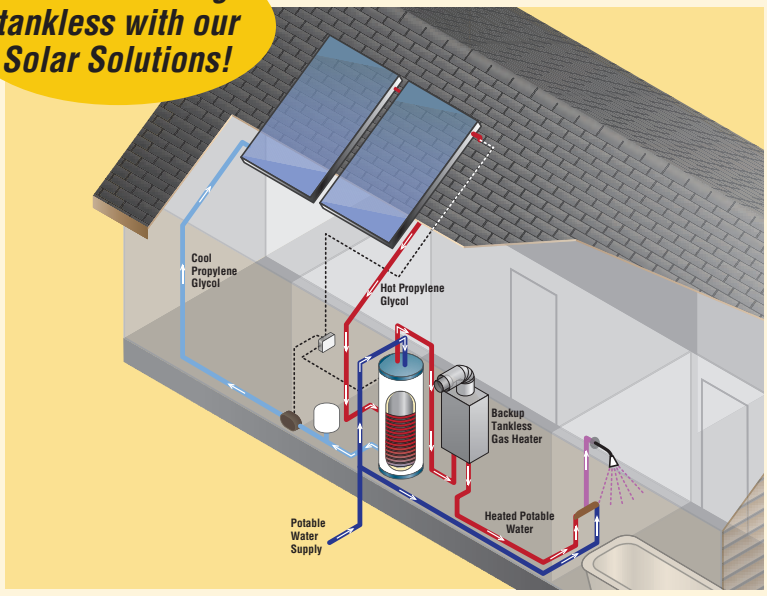

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More Information on This Model:

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Product Registration
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Get state-of-the-art control to keep your indoor air as fresh as possible. Installed as part of your home's heating and cooling system, the Aprilaire Ventilation Controller makes decisions regarding when—and how long—to ventilate. It does this through continuous montinoring of indoor relative humdity, outdoor temperature, and user-friendly settings.

Features

An Aprilaire Ventilation Control System allows you to manage the quality of your home's air year-round, with little effort. An Aprilaire Ventilation Controller:

- Will not ventilate if the outdoor temperature is above 100° F
- Will not ventilate if the outdoor temperature is below 0° F
- Only ventilates if a call for heat is received by your central heating system when the outdoor temperature is between 0° F and 20°
- Will not ventilate if the outdoor air will raise indoor relative humidity above 55%
- Has cycle times ranging from every one to four hours, with ventilation times lasting from zero to sixty minutes.

Choosing the right ventilation system is an important decision and investment. Click below to learn more information about which ventilation system is right for you:

> View Frequently Asked Questions about Aprilaire Ventilators

> See Consumer Feedback about Aprilaire Whole-House Ventilators

> Contact an Aprilaire Dealer, your local Indoor Air Quality Specialist, to discuss your family's specific needs.

SEE INDOOR AIR QUALITY IN ACTION!

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- Model 8100
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